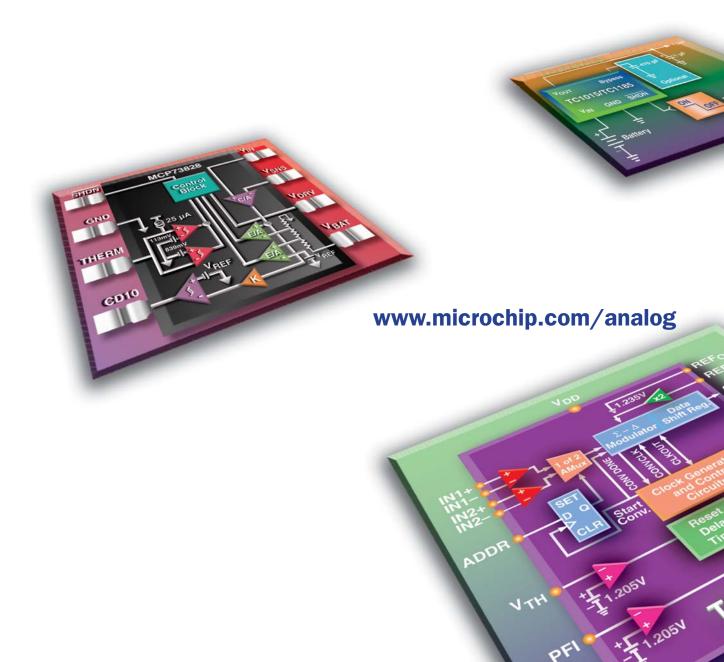


## **Stand-Alone Analog and Interface Solutions**

- Thermal Management Battery Management
- Interface Peripherals

- Power Management
- Linear & Mixed-Signal



# Are you Looking for Complete Analog & Interface Design Solutions?

Microchip's integrated analog technology, peripherals and features are engineered to meet today's demanding design requirements. Our broad spectrum of analog products addresses thermal management, power management, battery management, mixed-signal, linear and interface solutions. Combined with "Intelligent Analog" microcontrollers, Microchip offers an extensive analog portfolio for thousands of high-performance design applications in the automotive, communications (wireless), consumer, computing and industrial control markets.

Our broad portfolio of stand-alone analog and interface devices offers highly integrated solutions that combine various analog functions in space-saving packages and support a variety of bus interfaces. Many of these devices support functionality that enhances the analog features currently available on PIC® microcontrollers.

# Want a Business Partner, Not Just a Vendor?

Successful companies recognize the value of a strategic supplier relationship to help them deliver innovative products to their markets in a timely manner. They trust their suppliers to furnish quality components for current design opportunities as well as provide technology road maps and innovative solutions to stay ahead of tomorrow's design trends.

Microchip Technology provides low-risk product development, lower total system cost and faster time to market to more than 45,000 of these successful companies worldwide. Headquartered in Chandler, Arizona, Microchip offers outstanding technical support along with dependable delivery and quality.

Founded in 1989, Microchip's business model is based on a series of guiding values that aim to establish successful customer partnerships by exceeding expectations for products, services and attitude. Continuous improvement, technology innovation and the pursuit of the highest quality possible drive Microchip's company culture.

The result is a worldwide organization dedicated to delivering whole product solutions which include high performance silicon devices, easy-to-use development tools, outstanding technical support and sophisticated technical documentation.

#### **Are Quality and Delivery a Concern?**

Microchip's quality systems are certified according to the International Organization for Standards/Technical Specification (ISO/TS)-16949:2002 requirements. This demonstrates that the Company's quality systems meet the most stringent industry quality-management system standards, resulting in high-quality semiconductor products.

Direct control over manufacturing resources allows shortened design and production cycles. By owning the wafer fabrication facilities and the majority of the test and assembly operations, and by employing proprietary statistical process control techniques, Microchip has been able to achieve and maintain high production yields.

#### Microchip Technology's Stand-Alone Analog & Interface Portfolio

Op Amps

Programmable

#### Thermal Management

- Temperature Sensors
- Fan Speed Controllers/ Fan Fault Detectors

### Power Management

- LDO & Switching Regulators
- Charge Pump DC/DC Converters
- Power MOSFET Drivers
- PWM Controllers
- System Supervisors
   Voltage Detectors
- Voltage References

#### Battery Management

- Li-lon/Li-Polymer Battery Chargers
- Smart Battery Managers

#### Linear Mixed-Signal

- A/D Converter FamiliesDigital Potentiometers
- Amplifiers
  Comparators

  Potentiometers

   D/A Converters
- Linear V/F and F/V Converters
  Devices V/F and F/V Converters
  Energy
  - Measurement ICs

#### **Interface**

- CAN Peripherals
- Infrared Peripherals
- LIN Transceiver
- Serial Peripherals

  Ethernet Controller

# **Need Additional Support and Resources?**

Microchip is committed to supporting its customers by helping design engineers develop products faster and more efficiently. Customers can access four main service areas at www.microchip.com. The Support area provides a fast way



to get questions answered. The Sample area offers free evaluation samples of any Microchip device. microchipDIRECT provides 24-hour pricing, ordering,

inventory and credit for convenient purchasing of all Microchip devices and development tools. This site also features online programming capabilities. Finally, the Training area educates customers through webinars, sign-ups for local seminar and workshop courses, and information about the annual MASTERs conferences held throughout the world.

Have you ever encountered a technical dilemma at a critical point in your design development and your supplier was not available to answer your questions? Microchip's first ever 24/7 global technical support line brings technical support resources any time help is needed. Because some technical problems require hands-on assistance in order to be resolved quickly, Microchip has developed a global team of field applications engineers and field sales engineers for local assistance.

#### THERMAL MANAGEMENT SOLUTIONS

From temperature measurement to critical over-temperature protection, Microchip's thermal management solutions will help your design operate at an optimal temperature. Ease-of-use, no firmware, high-integration and the ability to work with simple 2-wire fans, are a few of the reasons engineers choose our Fan Speed Controllers and Fan Fault Detectors. Microchip also offers a wide variety of logic, voltage and serial output temperature sensors to thermally protect your system and ensure real-time temperature measurement and compensation.

	ntrollers and Fan Fault Detectors
Device	Description
TC642	PWM Fan Speed Controller with Fan Fault Detection
TC646	PWM Fan Speed Controller with Fan Fault Detection and Auto-Shutdown
TC647	PWM Fan Speed Controller with Fan Fault Detection
TC648	PWM Fan Speed Controller with Over-Temperature Detection and Auto-Shutdown
TC649	PWM Fan Speed Controller with Fan Fault Detection and Auto-Shutdown
TC642B	PWM Fan Speed Controller with Fan Fault Detection and Fan Restart
TC646B	PWM Fan Speed Controller with Fan Fault Detection, Auto- Shutdown and Fan Restart
TC647B	PWM Fan Speed Controller with Fan Fault Detection and Fan Restart
TC648B	PWM Fan Speed Controller with Over-Temperature Detection, Auto-Shutdown and Fan Restart
TC649B	PWM Fan Speed Controller with Fan Fault Detection, Auto- Shutdown and Fan Restart
TC650/651	Integrated Temperature Sensor and Brushless DC Fan Controller with Over-Temperature Alert
TC652/653	Integrated Temperature Sensor and Brushless DC Fan Controller with Fan Fault Detection & Over-Temp Alert
TC654/655	Dual SMBus Fan Speed Controller with Fan Fault and Over Temperature Detection
TC664/665	Single SMBus Fan Speed Controller with Fan Fault and Over Temperature Detection
TC670	SOT-23 Predictive Fan Fault Detector
Temperature S	ensors
Voltage Output	
TC1046	High Precision Temperature-to-Voltage Converter (6.25 mV/°C)
TC1047/47A	High Precision Temperature-to-Voltage Converters (10 mV/°C)
MCP9700/01	Very Low-cost Linear Active Thermistors, Also Available in High-Performance "A" Version
Logic Output	
TC6501/2/3/4	Ultra-Small Temperature Switches with Pin-Selectable Hysteresis
TC620/21	5V Dual Trip-Point Temperature Switch
TC622/24	Low Cost, Single Trip-Point Temperature Switch
TC623	3V Dual Trip-Point Temperature Switch
Serial Output	
TC72	High-Accuracy, 10-bit Digital Thermal Sensor with 4-wire SPI Interface
TC74	SOT-23 SMBus Digital Temperature Sensor
TC77	High-Accuracy, 13-bit Digital Thermal Sensor with 3-wire SPI Interface
TCN75A	Serial Interface Digital Temperature Sensor and Thermal Monitor
MCP9800/1/2/3	High Accuracy, 12-bit Digital Thermal Sensor with 2-wire Interface
MCP9805	10-bit Digital Thermal Sensor with 2-wire Interface and Event Output for PC DIMMs
MCP98242	PC DIMM Thermal Sensor Plus DDR2 SPD EEPROM

#### **POWER MANAGEMENT SOLUTIONS**

Power Management products from Microchip help drive today's most demanding power supply applications.

#### **Linear Regulators**

Microchip's portfolio of LDOs features ultra low drop-out voltages, 50 mA to 1.0A output currents and small SOT and SC-70 package options.

80 mA Output Current           TC1016         CMOS SC-70 LDO with Shutdown           100 mA Output Current           TC1015         CMOS LDO with Shutdown Mode and ERROR Output           TC1055         CMOS LDO with Shutdown Mode and ERROR Output           TC1071         Adjustable CMOS LDO with Shutdown Mode           TC1073         CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input           TC1224         CMOS LDO with Shutdown Mode           TC2015         CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPPOUT           TC2055         CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPPOUT           TC2055         CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPPOUT           TC1288         MAX8863 Replacement CMOS LDO with Shutdown Mode           TC1189         MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge           150 mA Output Current         CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package           TC1185         CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current           TC1186         CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current           TC2187         CMOS LDO with Shutdown Mode and VREF Bypass           TC2188         CMOS LDO with Shutdown Mode and ERROR Output           180 mA Output Current         CMOS LDO with Shutdown Mode and VREF Bypass Input	options.			
TC1014 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1054 CMOS LDO with Shutdown Mode and ERROR Output TC1070 Adjustable CMOS LDO with Shutdown Mode, 85 mV Voropoout TC1072 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1073 CMOS LDO with Shutdown Mode, 85 mV Voropoout TC2014 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV Voropoout TC2014 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV Voropoout TC2054 CMOS LDO with Shutdown Mode and ERROR Output, 45 mV Voropoo  80 mA Output Current TC1016 CMOS SC-70 LDO with Shutdown 100 mA Output Current TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1055 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1071 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1024 CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode TC1025 CMOS LDO with Shutdown Mode TC1124 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV Voropoout TC2015 CMOS LDO with Shutdown and ERROR Output, 90 mV Voropoout TC2015 CMOS LDO with Shutdown and ERROR Output, 90 mV Voropoout TC2015 CMOS LDO with Shutdown and ERROR Output, 90 mV Voropoout TC2016 CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1017 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable Vour CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output TC1187 Adjustable Vour CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output TC1180 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with	Device	Description		
TC1054 CMOS LDO with Shutdown Mode and ERROR Output TC1070 Adjustable CMOS LDO with Shutdown Mode, 85 mV Voropout TC1072 CMOS LDO with Shutdown Mode, 85 mV Voropout TC1072 CMOS LDO with Shutdown Mode, 85 mV Voropout TC1073 CMOS LDO with Shutdown Mode, 85 mV Voropout TC2014 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV Voropout TC2014 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV Voropout TC2016 CMOS LDO with Shutdown Mode and ERROR Output, 45 mV Voropout TC1016 CMOS SC-70 LDO with Shutdown TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1015 CMOS LDO with Shutdown Mode and ERROR Output TC10171 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1224 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV Voropout TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV Voropout TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV Voropout TC2018 MAX8863 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1180 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable Vout CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode and VREF Bypass Input TC11174 Adjustable	50 mA Outpu	rt Current		
TC1054 CMOS LDO with Shutdown Mode and ERROR Output TC1070 Adjustable CMOS LDO with Shutdown Mode, 85 mV VDROPOUT TC1072 CMOS LDO with Shutdown Mode, 85 mV VDROPOUT TC1072 CMOS LDO with Shutdown Mode, 85 mV VDROPOUT TC1223 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV VDROPOUT TC2014 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV VDROPOUT TC2054 CMOS LDO with Shutdown Mode and ERROR Output, 45 mV VDROPOUT TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1016 CMOS SC-70 LDO with Shutdown TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1015 CMOS LDO with Shutdown Mode and ERROR Output TC10171 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1224 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2056 CMOS LDO with Shutdown Mode TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1188 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable VouT CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and ERROR Output TC56 CMOS LDO with Shutdown Mode and VREF Bypass Input TC50 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode, ERROR Output and VREF By	TC1014	CMOS LDO with Shutdown Mode and VREF Bypass Input		
TC1070 Adjustable CMOS LDO with Shutdown Mode, 85 mV VbRoPOUT TC1072 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1223 CMOS LDO with Shutdown Mode, 85 mV VbRoPOUT TC2014 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV VbRoPOUT TC2014 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV VbRoPOUT TC2016 CMOS SC-70 LDO with Shutdown TC1016 CMOS SC-70 LDO with Shutdown TC1016 CMOS SC-70 LDO with Shutdown TC1015 CMOS LDO with Shutdown TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1015 CMOS LDO with Shutdown Mode and ERROR Output TC1071 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1224 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VbRoPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VbROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VbROPOUT TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1186 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1186 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1187 Adjustable Vour CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable Vour CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output T80 μA Active Current TC1187 Adjustable Vour CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output T80 μA Active Current TC1187 Adjustable Vour CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output T80 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO MCP1701A CMOS LDO with Shutdown	TC1054			
TC1072 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1223 CMOS LDO with Shutdown Mode, 85 mV VDROPOUT TC2014 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV VDROPOUT TC2054 CMOS LDO with Shutdown Mode and ERROR Output, 45 mV VDROPOUT TC2054 CMOS LDO with Shutdown Mode and ERROR Output, 45 mV VDROPOUT TC2054 CMOS LDO with Shutdown Mode and ERROR Output, 45 mV VDROPOUT TC1016 CMOS SC-70 LDO with Shutdown TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1015 CMOS LDO with Shutdown Mode and ERROR Output TC1071 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC2015 CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2015 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2015 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2015 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2015 CMOS LDO with Shutdown Mode TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable VouT CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output TC2186 CMOS LDO with Shutdown Mode and ERROR Output TC3186 CMOS LDO with Shutdown Mode and ERROR Output TC526 CMOS LDO with Shutdown, 10V NN Range TC2180 CMOS LDO with Shutdown, 10V NN Range TC2180 CMOS LDO with Shutdown, 10V NN Range TC2180 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1070	Adjustable CMOS LDO with Shutdown Mode, 85 mV VDROPOUT		
TC1223 CMOS LDO with Shutdown Mode, 85 mV VDROPOUT TC2014 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV VDROPOUT TC2054 CMOS LDO with Shutdown Mode and ERROR Output, 45 mV VDROPO 80 mA Output Current TC1016 CMOS SC-70 LDO with Shutdown 100 mA Output Current TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1055 CMOS LDO with Shutdown Mode and ERROR Output TC1071 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1224 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2056 CMOS LDO with Shutdown Mode TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1180 CMOS LDO with Shutdown Mode, 50 μA Active Current TC1017 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable VouT CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable VouT CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output T80 mA Output Current TC56 CMOS LDO with Shutdown Mode and ERROR Output T80 mA Output Current TC56 CMOS LDO with Shutdown, 10V Vin Range 250 mA Output Current TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1109 CMOS LDO with Shutdown Mode and VREF Bypass Input TC11109 CMOS LDO with Shutdown Mode and VREF Bypass Input TC11107 CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1072			
TC2014 CMOS LDO with Shutdown Mode and VREF Bypass Input, 45 mV VDROPOUT TC2054 CMOS LDO with Shutdown Mode and ERROR Output, 45 mV VDROPO 80 mA Output Current TC1016 CMOS SC-70 LDO with Shutdown 100 mA Output Current TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1015 CMOS LDO with Shutdown Mode and ERROR Output TC1071 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC2055 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown Mode and ERROR Output, 90 mV VDROPOUT TC2016 CMOS LDO with Shutdown Mode TC1189 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1185 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1186 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable Vour CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output 180 mA Output Current TC56 CMOS LDO with Shutdown Mode and ERROR Output 180 mA Output Current TC56 CMOS LDO with Shutdown Mode and ERROR Output 180 mA Output Current TC50 CMOS LDO with Shutdown, 10V VIN Range 250 mA Output Current TC50 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC11174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input		Input		
TC2054 CMOS LDO with Shutdown Mode and ERROR Output, 45 mV Voropo  80 mA Output Current  TC1016 CMOS SC-70 LDO with Shutdown  100 mA Output Current  TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1055 CMOS LDO with Shutdown Mode and ERROR Output  TC1071 Adjustable CMOS LDO with Shutdown Mode  TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1224 CMOS LDO with Shutdown Mode  TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT  TC2005 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT  TC2018 MAX8863 Replacement CMOS LDO with Shutdown Mode  TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge  150 mA Output Current  TC1187 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package  TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current  TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1187 Adjustable Vour CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1187 Adjustable Vour CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  TC50 CMOS LDO with Shutdown, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1223	CMOS LDO with Shutdown Mode, 85 mV VDROPOUT		
80 mA Output Current         TC1016       CMOS SC-70 LDO with Shutdown         100 mA Output Current         TC1015       CMOS LDO with Shutdown Mode and VREF Bypass Input         TC1055       CMOS LDO with Shutdown Mode and ERROR Output         TC1071       Adjustable CMOS LDO with Shutdown Mode         TC1073       CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input         TC1224       CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT         TC2015       CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT         TC2055       CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT         TC2015       CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT         TC2016       MAX8863 Replacement CMOS LDO with Shutdown Mode         TC1189       MAX8863 Replacement CMOS LDO with Shutdown Mode and Auto Discharge         150 mA Output Current       CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package         TC1181       CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current         TC1185       CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current         TC1186       CMOS LDO with Shutdown Mode and VREF Bypass         TC2185       CMOS LDO with Shutdown Mode and ERROR Output         180 mA Output Current       TC1286         CMOS LDO with Shutdown Mode and VREF B	TC2014			
TC1016 CMOS SC-70 LD0 with Shutdown  100 mA Output Current  TC1015 CMOS LD0 with Shutdown Mode and VREF Bypass Input TC1055 CMOS LD0 with Shutdown Mode and ERROR Output TC1071 Adjustable CMOS LD0 with Shutdown Mode TC1073 CMOS LD0 with Shutdown Mode, ERROR Output and VREF Bypass Input TC1224 CMOS LD0 with Shutdown Mode TC2015 CMOS LD0 with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2055 CMOS LD0 with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LD0 with Shutdown and ERROR Output, 90 mV VDROPOUT TC1188 MAX8863 Replacement CMOS LD0 with Shutdown Mode TC1189 MAX8864 Replacement CMOS LD0 with Shutdown Mode and Auto Discharge  150 mA Output Current TC1187 CMOS LD0 with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LD0 with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LD0 with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable Vour CMOS LD0 with Shutdown Mode TC2185 CMOS LD0 with Shutdown Mode and ERROR Output, 50 μA Active Current TC1186 CMOS LD0 with Shutdown Mode and ERROR Output TC1187 Adjustable Vour CMOS LD0 with Shutdown Mode TC2185 CMOS LD0 with Shutdown Mode and ERROR Output TC1180 CMOS LD0 with Shutdown Mode and ERROR Output TC1180 CMOS LD0 with Shutdown, 10V Vin Range TC1101 CURRENT TC101 CMOS LD0 with Shutdown, 10V Vin Range TC1101 CMOS LD0 with Shutdown Mode and VREF Bypass Input TC1101 CMOS LD0 with Shutdown Mode and VREF Bypass Input TC1101 CMOS LD0 with Shutdown Mode and VREF Bypass Input TC1103 CMOS LD0 with Shutdown Mode, ERROR Output and VREF Bypass Input TC1104 Adjustable CMOS LD0 with Shutdown Mode and VREF Bypass Input TC1174 Adjustable CMOS LD0 with Shutdown Mode and VREF Bypass Input	TC2054	CMOS LDO with Shutdown Mode and ERROR Output, 45 mV VDROPOUT		
TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1055 CMOS LDO with Shutdown Mode and ERROR Output TC1071 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1224 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2018 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable VouT CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and VREF Bypass TC2186 CMOS LDO with Shutdown Mode and ERROR Output TROS CMOS LDO with Shutdown Mode and ERROR Output TC50 CMOS LDO with Shutdown Mode and ERROR Output TC50 CMOS LDO with Shutdown Mode and ERROR Output TC50 CMOS LDO with Shutdown, 10V Vin Range TC50 MA Output Current TC50 CMOS LDO with Shutdown, 10V Vin Range TC50 MA Output Current TC50 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	80 mA Outpu	it Current		
TC1015 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1055 CMOS LDO with Shutdown Mode and ERROR Output TC1071 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1224 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2056 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2057 CMOS LDO with Shutdown Mode TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable VouT CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and ERROR Output TC2186 CMOS LDO with Shutdown Mode and ERROR Output TC2187 Adjustable VouT CMOS LDO with Shutdown Mode TC2188 CMOS LDO with Shutdown Mode and ERROR Output TC308 LDO with Shutdown, 10V Vin Range TC50 MA Output Current TC50 CMOS LDO with Shutdown, 10V Vin Range TC50 MA Output Current TC50 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1016	CMOS SC-70 LDO with Shutdown		
TC1055 CMOS LDO with Shutdown Mode and ERROR Output TC1071 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1224 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2056 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2057 CMOS LDO with Shutdown Mode TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1189 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable Vou⊤ CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and VREF Bypass TC2186 CMOS LDO with Shutdown Mode and ERROR Output 180 mA Output Current TC56 CMOS LDO with Shutdown, 10V VIN Range 250 mA Output Current MCP1700 1.5 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range 300 mA Output Current TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	100 mA Out	out Current		
TC1071 Adjustable CMOS LDO with Shutdown Mode TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1224 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2056 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2057 CMOS LDO with Shutdown Mode TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TC1189 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable Vou⊤ CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and VREF Bypass TC2186 CMOS LDO with Shutdown Mode and ERROR Output 180 mA Output Current TC56 CMOS LDO with Shutdown, 10V VIN Range 250 mA Output Current MCP1700 1.5 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range 300 mA Output Current TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1107 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1015	CMOS LDO with Shutdown Mode and VREF Bypass Input		
TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1224 CMOS LDO with Shutdown Mode  TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT  TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT  TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT  TC2056 CMOS LDO with Shutdown Mode  TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode  TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge  TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package  TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current  TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1187 Adjustable Vou⊤ CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and VREF Bypass  TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO  MCP1701A 2 (MOS LDO with Shutdown Mode and VREF Bypass Input  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1055			
TC1073 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1224 CMOS LDO with Shutdown Mode  TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT  TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT  TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT  TC2056 CMOS LDO with Shutdown Mode  TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode  TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge  TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package  TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current  TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1187 Adjustable Vou⊤ CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and VREF Bypass  TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO  MCP1701A 2 (MOS LDO with Shutdown Mode and VREF Bypass Input  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input				
Input TC1224 CMOS LDO with Shutdown Mode TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown Mode TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge TS0 mA Output Current TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable Vou⊤ CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and VREF Bypass TC2186 CMOS LDO with Shutdown Mode and ERROR Output 180 mA Output Current TC56 CMOS LDO with Shutdown, 10V VIN Range 250 mA Output Current MCP1700 1.5 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range 300 mA Output Current TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1073	CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass		
TC2015 CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT  120 mA Output Current TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge  150 mA Output Current TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable Vou⊤ CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and VREF Bypass TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current TC56 CMOS LDO with Shutdown, 10V VIN Range 250 mA Output Current MCP1700 1.5 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range 300 mA Output Current TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input				
TC2055 CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT  120 mA Output Current  TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode  TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge  150 mA Output Current  TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package  TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current  TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1187 Adjustable Vou⊤ CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and VREF Bypass  TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1224	CMOS LDO with Shutdown Mode		
120 mA Output Current TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge 150 mA Output Current TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable Vou⊤ CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and VREF Bypass TC2186 CMOS LDO with Shutdown Mode and ERROR Output 180 mA Output Current TC56 CMOS LDO with Shutdown, 10V VIN Range 250 mA Output Current MCP1700 1.5 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range 300 mA Output Current TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC2015	CMOS LDO with Shutdown and VREF Bypass Input, 90 mV VDROPOUT		
TC1188 MAX8863 Replacement CMOS LDO with Shutdown Mode TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge  150 mA Output Current TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package  TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current TC1187 Adjustable VouT CMOS LDO with Shutdown Mode TC2185 CMOS LDO with Shutdown Mode and VREF Bypass TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current TC56 CMOS LDO with Shutdown, 10V VIN Range 250 mA Output Current MCP1700 1.5 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range 300 mA Output Current TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC2055	CMOS LDO with Shutdown and ERROR Output, 90 mV VDROPOUT		
TC1189 MAX8864 Replacement CMOS LDO with Shutdown Mode and Auto Discharge  150 mA Output Current  TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package  TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current  TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1187 Adjustable VouT CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and VREF Bypass  TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	120 mA Out	out Current		
Discharge  150 mA Output Current  TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package  TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current  TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1187 Adjustable Vou⊤ CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and VREF Bypass  TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1188	MAX8863 Replacement CMOS LDO with Shutdown Mode		
TC1017 CMOS LDO with Shutdown Mode, 50 μA Active Current, SC-70 package  TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current  TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1187 Adjustable VouT CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and VREF Bypass  TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1189	·		
package  TC1185 CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 μA Active Current  TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1187 Adjustable VouT CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and VREF Bypass  TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	150 mA Out	out Current		
Current  TC1186 CMOS LDO with Shutdown Mode and ERROR Output, 50 μA Active Current  TC1187 Adjustable VouT CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and VREF Bypass  TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1017			
Current  TC1187 Adjustable VouT CMOS LDO with Shutdown Mode  TC2185 CMOS LDO with Shutdown Mode and VREF Bypass  TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1185	CMOS LDO with Shutdown Mode and VREF Bypass Input, 50 µA Active Current		
TC2185 CMOS LDO with Shutdown Mode and VREF Bypass TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1173 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1186			
TC2186 CMOS LDO with Shutdown Mode and ERROR Output  180 mA Output Current  TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1187	Adjustable Vout CMOS LDO with Shutdown Mode		
180 mA Output Current         TC56       CMOS LDO with Shutdown, 10V VIN Range         250 mA Output Current         MCP1700       1.5 μA Supply Current CMOS LDO         MCP1701A       2 μA Supply Current CMOS LDO, 10V VIN Range         300 mA Output Current         TC1107       CMOS LDO with Shutdown Mode and VREF Bypass Input         TC1108       CMOS LDO in 3-pin SOT-223         TC1173       CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input         TC1174       Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC2185	CMOS LDO with Shutdown Mode and VREF Bypass		
TC56 CMOS LDO with Shutdown, 10V VIN Range  250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO in 3-pin SOT-223  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC2186	CMOS LDO with Shutdown Mode and ERROR Output		
250 mA Output Current  MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO in 3-pin SOT-223  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	180 mA Out	out Current		
MCP1700 1.5 μA Supply Current CMOS LDO  MCP1701A 2 μA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO in 3-pin SOT-223  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	TC56	CMOS LDO with Shutdown, 10V VIN Range		
MCP1701A 2 µA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO in 3-pin SOT-223  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	250 mA Out	out Current		
MCP1701A 2 µA Supply Current CMOS LDO, 10V VIN Range  300 mA Output Current  TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input  TC1108 CMOS LDO in 3-pin SOT-223  TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	MCP1700	1.5 uA Supply Current CMOS LDO		
300 mA Output Current  TC1107	MCP1701A			
TC1107 CMOS LDO with Shutdown Mode and VREF Bypass Input TC1108 CMOS LDO in 3-pin SOT-223 TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input	300 mA Outi			
TC1108 CMOS LD0 in 3-pin SOT-223  TC1173 CMOS LD0 with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LD0 with Shutdown Mode and VREF Bypass Input	•			
TC1173 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input				
Input TC1174 Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input		·		
	. 511. 0			
TC1269 CMOS LDO with Shutdown Mode and VREF Bypass Input	TC1174	Adjustable CMOS LDO with Shutdown Mode and VREF Bypass Input		
	TC1269	CMOS LDO with Shutdown Mode and VREF Bypass Input		
500 mA Output Current	500 mA Out			
TC1262 Fixed Output CMOS LDO				
TC1263 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input		CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass		
	TC1268	Fast Response CMOS LDO with Shutdown Mode, ERROR Output and		

CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input  Fixed Low Dropout CMOS Regulator  LOA Output Current  MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  LSA Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs  Specialty LDOs are available for unique design requirements.  C57 Positive LDO Controller with Shutdown  C59 -10 Vin Max, 100 µA CMOS LDO  C1266 200 mA PCI-compliant LDO  MICO MAY CI-compliant LDO  POWER MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  D.5A Peak Output Current, Low Side Driver  C11410/N Single, Inverting/Non-Inverting  LOA Peak Output Current, Low Side Driver  C11410/N Single, Inverting/Non-Inverting  LAP Peak Output Current, Low Side Drivers  C11426/7/8 Dual, Inverting/Non-Inverting/Combo  C144667/8/9 Quad, 2-input Logic Gate Inputs  L5A Peak Output Current, Low Side Drivers  C1426/7/8 Dual, Inverting/Non-Inverting/Combo  C14404/05 Dual, Inverting/Non-Inverting/Combo  C14404/05 Dual, Inverting/Non-Inverting/Combo  C14406/7/8 Dual, Inverting/Non-Inverting/Combo  C14412/N Single, Inverting/Non-Inverting  Dual, Inve	Fixed Output CMOS LDO  ICCL265 CMOS LDO with Shutdown Mode, ERROR Output and VREF Byp Input ICCL117 Fixed Low Dropout CMOS Regulator  I.OA Output Current  MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  I.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs	ass	
TC1264 Fixed Output CMOS LDO TC1265 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC2117 Fixed Low Dropout CMOS Regulator  1.04 Output Current TC2117 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.54 Output Current TC2117 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.54 Output Current TC217 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs Specialty LDOs are available for unique design requirements.  TC57 Positive LDO Controller with Shutdown TC59 -10 VIN Max, 100 µA CMOS LDO TC1266 200 mA PCI-compliant LDO TC1267 400 mA PCI-compliant LDO TC1267 400 mA PCI-compliant LDO TC1267 400 mA PCI-compliant LDO TC1268 100 mA PCI-compliant LDO TC1269 -10 VIN Max, 100 µA CMOS LDO TC1260 200 mA PCI-compliant LDO TC1267 400 mA PCI-compliant LDO TC1267 400 mA PCI-compliant LDO TC1268 200 mA PCI-compliant LDO TC1269 -10 VIN Max, 100 µA CMOS LDO TC1260 200 mA PCI-compliant LDO TC1260 200 mA PCI-compliant LDO TC1260 200 mA PCI-compliant LDO TC1261 400 mA PCI-compliant	TC1264 Fixed Output CMOS LDO TC1265 CMOS LDO with Shutdown Mode, ERROR Output and VREF Byp Input TC2117 Fixed Low Dropout CMOS Regulator  1.0A Output Current MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs	ass	
TC1265 CMOS LDO with Shutdown Mode, ERROR Output and VREF Bypass Input TC2117 Fixed Low Dropout CMOS Regulator  1.0A Output Current  MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs  Specialty LDOs  Specialty LDOs are available for unique design requirements.  TC57 Positive LDO Controller with Shutdown  TC59 -10 VIN Max, 100 μA CMOS LDO  TC1266 200 mA PCI-compliant LDO  TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4404/05 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  TC4426/7/8 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC4420/4/5 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC4420/4/5 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC4420/29 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC4421	TC1265 CMOS LDO with Shutdown Mode, ERROR Output and VREF Byp Input  TC2117 Fixed Low Dropout CMOS Regulator  1.0A Output Current  MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs	ass	
Input TC2117 Fixed Low Dropout CMOS Regulator  1.0A Output Current  MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs  Specialty LDOs are available for unique design requirements.  TC57 Positive LDO Controller with Shutdown  TC59 -10 Vin Max, 100 μA CMOS LDO  TC1266 200 mA PCI-compliant LDO  TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4412/N Single, Inverting/Non-Inverting  2.0A Peak Output Current, Low Side Driver  TC14112/N Single, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC4420/49 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC4420/29 Single, Inverting/Non-Inverting  3.0A	Input TC2117 Fixed Low Dropout CMOS Regulator  1.0A Output Current  MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs	ass 	
1.0A Output Current  MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs  Specialty LDOs  Specialty LDOs are available for unique design requirements.  IC57 Positive LDO Controller with Shutdown  IC59 -10 VIN Max, 100 μA CMOS LDO  IC1266 200 mA PCI-compliant LDO  IC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  IC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  IC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  IC1426/7/8 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  IC1426/7/8 Dual, Inverting/Non-Inverting/Combo  IC4407/8 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  IC426/7/8 Dual, Inverting/Non-Inverting/Combo  IC4403 Single, Non-Inverting, Floating Load Driver  IC4404/05 Dual, Inverting/Non-Inverting  CA426/7/8 Dual, Inverting/Non-Inverting  CA426/7/8 Dual, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  IC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  IC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  IC429 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  IC420 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  IC420 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  IC420 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  IC420 Single, Inverting/Non-Inverting  3.0A Peak Output Cur	1.0A Output Current  MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs		
MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs  Specialty LDOs  Specialty LDOs are available for unique design requirements.  C57 Positive LDO Controller with Shutdown  C59 -10 Vin Max, 100 μA CMOS LDO  C1266 200 mA PCI-compliant LDO  TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Drivers  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  5.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  5.0A Peak Output Current, Low Side Drivers  TC4420/29 Single, Inverting/Non-Inverting  5.0A Peak Output Current, Low Side Drivers  TC4420/29 Single, Inverting/Non-Inverting  5.0A Peak Output Current, Low Side Driver  TC4420/29 Single, Inverting/Non-Inverting  5.0A Peak Output Current, Low Side Driver  TC4420/29 Single, Inverting/Non-Inverting  5.0A Peak Output Current, Low Side Driver  TC4420/29 Single, I	MCP1726 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs		
Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs  Specialty LDOs are available for unique design requirements.  TC57 Positive LDO Controller with Shutdown  TC59 -10 Vin Max, 100 μA CMOS LDO  TC1266 200 mA PCI-compliant LDO  TC1267 400 mA PCI-compliant LDO  TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC4420/29 Single, Inverting/Non-Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting	Programmable Delay, Ceramic Output Capacitor Stable  1.5A Output Current  MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs		
MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs  Specialty LDOs are available for unique design requirements.  TC57 Positive LDO Controller with Shutdown  TC59 -10 Vin Max, 100 μA CMOS LDO  TC1266 200 mA PCI-compliant LDO  TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1429 Single, Inverting/Non-Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  TC4420/29 Single, Inverting/Non-Inverting  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	MCP1727 CMOS LDO with Shutdown Mode and Power Good Output with Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs		
Programmable Delay, Ceramic Output Capacitor Stable  Specialty LDOs  Specialty LDOs are available for unique design requirements.  TC57 Positive LDO Controller with Shutdown  TC59 -10 VIN Max, 100 µA CMOS LDO  TC1266 200 mA PCI-compliant LDO  TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver	Programmable Delay, Ceramic Output Capacitor Stable  Specialty LD0s		
Specialty LDOs are available for unique design requirements.  TC57 Positive LDO Controller with Shutdown  TC59 -10 Vin Max, 100 μA CMOS LDO  TC1266 200 mA PCI-compliant LDO  TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting  TC4426/7/8 Single, Inverting/Non-Inverting  TC4426/7/8 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC4423/4/5 Single, Inverting/Non-Inverting  C4423/4/5 Single, Inverting/Non-Inverting  C4429 Single, Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  Son Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance			
TC57 Positive LDO Controller with Shutdown TC59 -10 Vin Max, 100 μA CMOS LDO TC1266 200 mA PCI-compliant LDO TC1267 400 mA PCI-compliant LDO TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver TC1410/N Single, Inverting/Non-Inverting 1.0A Peak Output Current, Low Side Driver TC1411/N Single, Inverting/Non-Inverting 1.2A Peak Output Current, Low Side Drivers TC1426/7/8 Dual, Inverting/Non-Inverting/Combo TC4467/8/9 Quad, 2-input Logic Gate Inputs 1.5A Peak Output Current, Low Side Drivers TC426/7/8 Dual, Inverting/Non-Inverting/Combo TC4403 Single, Non-Inverting, Floating Load Driver TC4404/05 Dual, Inverting/Non-Inverting TC4426/7/8 Dual, Inverting/Non-Inverting TC4426/7/8 Dual, Inverting/Non-Inverting TC4426/7/8 Dual, Inverting/Non-Inverting TC4412/N Single, inverting/Non-Inverting 3.0A Peak Output Current, Low Side Driver TC1412/N Single, Inverting/Non-Inverting TC4423/4/5 Single, Inverting/Non-Inverting TC4423/4/5 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4421/22 Single, Inverting/Non-Inverting TC4421/22 Single, Inverting/Non-Inverting	Specialty LDOs are available for unique design requirements.		
TC57 Positive LDO Controller with Shutdown TC59 -10 Vin Max, 100 μA CMOS LDO TC1266 200 mA PCI-compliant LDO TC1267 400 mA PCI-compliant LDO TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver TC1410/N Single, Inverting/Non-Inverting 1.0A Peak Output Current, Low Side Driver TC1411/N Single, Inverting/Non-Inverting 1.2A Peak Output Current, Low Side Drivers TC1426/7/8 Dual, Inverting/Non-Inverting/Combo TC4467/8/9 Quad, 2-input Logic Gate Inputs 1.5A Peak Output Current, Low Side Drivers TC426/7/8 Dual, Inverting/Non-Inverting/Combo TC4403 Single, Non-Inverting, Floating Load Driver TC4404/05 Dual, Inverting/Non-Inverting TC4426/7/8 Dual, Inverting/Non-Inverting TC4426/7/8 Dual, Inverting/Non-Inverting TC4426/7/8 Dual, Inverting/Non-Inverting TC4412/N Single, inverting/Non-Inverting 3.0A Peak Output Current, Low Side Driver TC1412/N Single, Inverting/Non-Inverting TC4423/4/5 Single, Inverting/Non-Inverting TC4423/4/5 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4421/22 Single, Inverting/Non-Inverting TC4421/22 Single, Inverting/Non-Inverting			
TC1266 200 mA PCI-compliant LD0 TC1267 400 mA PCI-compliant LD0  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers TC1426/7/8 Dual, Inverting/Non-Inverting/Combo TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers TC426/7/8 Dual, Inverting/Non-Inverting/Combo TC4403 Single, Non-Inverting, Floating Load Driver TC4404/05 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver TC1412/N Single, Inverting/Non-Inverting TC4423/4/5 Single, Inverting/Non-Inverting TC4423/4/5 Single, Inverting/Non-Inverting TC4423/4/5 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC57 Positive LDO Controller with Shutdown		
TC1266 200 mA PCI-compliant LDO TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers TC1426/7/8 Dual, Inverting/Non-Inverting/Combo TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers TC426/7/8 Dual, Inverting/Non-Inverting/Combo TC4403 Single, Non-Inverting, Floating Load Driver TC4404/05 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver TC1412/N Single, Inverting/Non-Inverting 3.0A Peak Output Current, Low Side Driver TC1413/N Single, Inverting/Non-Inverting TC4423/4/5 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4421/22 Single, Inverting/Non-Inverting TC4421/22 Single, Inverting/Non-Inverting TC4421/22 Single, Inverting/Non-Inverting			
TC1267 400 mA PCI-compliant LDO  Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting/Non-Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance			
Power MOSFET Drivers  Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting  TC4426/7/8 Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting  TC4423/4/5 Single, Inverting/Non-Inverting  TC4420/29 Single, Inverting/Non-Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance			
Microchip's Power MOSFET Drivers feature wide range input supply voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers TC1426/7/8 Dual, Inverting/Non-Inverting/Combo TC4467/8/9 Quad, 2-input Logic Gate Inputs 1.5A Peak Output Current, Low Side Drivers TC426/7/8 Dual, Inverting/Non-Inverting/Combo TC4403 Single, Non-Inverting, Floating Load Driver TC4404/05 Dual, Inverting/Non-Inverting TC4426/7/8 Single, Inverting/Non-Inverting TC4423/4/5 Dual, Inverting/Non-Inverting TC4423/4/5 Dual, Inverting/Non-Inverting TC4423/4/5 Dual, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	·		
voltages and output currents and offer outstanding latch-up immunity. The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting  TC4423/4/5 Single, Inverting/Non-Inverting  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance			
The portfolio has recently been expended with the addition of smaller, surface mount power-enhanced packages.  0.55A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting  TC4423/4/5 Single, Inverting/Non-Inverting  G.OA Peak Output Current, Low Side Drivers  TC429 Single, Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	, , , , , , , , , , , , , , , , , , , ,	V. 1	
O.5A Peak Output Current, Low Side Driver  TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver			
TC1410/N Single, Inverting/Non-Inverting  1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting  TC4423/4/5 Single, Inverting/Non-Inverting  TC4420/29 Single, Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	surface mount power-enhanced packages.		
1.0A Peak Output Current, Low Side Driver  TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting  TC4423/4/5 Single, Inverting/Non-Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	).5A Peak Output Current, Low Side Driver		
TC1411/N Single, Inverting/Non-Inverting  1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC1410/N Single, Inverting/Non-Inverting		
1.2A Peak Output Current, Low Side Drivers  TC1426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Driver  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting  TC4423/4/5 Single, Inverting/Non-Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	1.0A Peak Output Current, Low Side Driver		
TC1426/7/8 Dual, Inverting/Non-Inverting/Combo TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers TC426/7/8 Dual, Inverting/Non-Inverting/Combo TC4403 Single, Non-Inverting, Floating Load Driver TC4404/05 Dual, Inverting/Non-Inverting TC4426/7/8 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver TC1412/N Single, Inverting/Non-Inverting 3.0A Peak Output Current, Low Side Driver TC1413/N Single, Inverting/Non-Inverting TC4423/4/5 Dual, Inverting/Non-Inverting TC4423/4/5 Dual, Inverting/Non-Inverting TC4423/4/5 Single, Inverting/Non-Inverting TC4420/29 Single, Inverting/Non-Inverting 9.0A Peak Output Current, Low Side Driver TC4421/22 Single, Inverting/Non-Inverting Single, Inverting/Non-Inverting Single, Inverting/Non-Inverting 9.0A Peak Output Current, Low Side Driver TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC1411/N Single, Inverting/Non-Inverting		
TC4467/8/9 Quad, 2-input Logic Gate Inputs  1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting  TC4426/7/8 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting  Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	1.2A Peak Output Current, Low Side Drivers		
1.5A Peak Output Current, Low Side Drivers  TC426/7/8 Dual, Inverting/Non-Inverting/Combo  TC4403 Single, Non-Inverting, Floating Load Driver  TC4404/05 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting  CA423/4/5 Dual, Inverting/Non-Inverting  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC1426/7/8 Dual, Inverting/Non-Inverting/Combo		
TC426/7/8 Dual, Inverting/Non-Inverting/Combo TC4403 Single, Non-Inverting, Floating Load Driver TC4404/05 Dual, Inverting/Non-Inverting TC4426/7/8 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver TC1412/N Single, Inverting/Non-Inverting 3.0A Peak Output Current, Low Side Drivers TC1413/N Single, Inverting/Non-Inverting TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version 6.0A Peak Output Current, Low Side Drivers TC429 Single, Inverting/Non-Inverting 9.0A Peak Output Current, Low Side Driver TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC4467/8/9 Quad, 2-input Logic Gate Inputs		
TC4403 Single, Non-Inverting, Floating Load Driver TC4404/05 Dual, Inverting/Non-Inverting TC4426/7/8 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver TC1412/N Single, Inverting/Non-Inverting 3.0A Peak Output Current, Low Side Drivers TC1413/N Single, Inverting/Non-Inverting TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version 6.0A Peak Output Current, Low Side Drivers TC429 Single, Inverting TC4420/29 Single, Inverting/Non-Inverting 9.0A Peak Output Current, Low Side Driver TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	1.5A Peak Output Current, Low Side Drivers		
TC4404/05 Dual, Inverting/Non-Inverting TC4426/7/8 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver TC1412/N Single, Inverting/Non-Inverting 3.0A Peak Output Current, Low Side Drivers TC1413/N Single, Inverting/Non-Inverting TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version 6.0A Peak Output Current, Low Side Drivers TC429 Single, Inverting TC4420/29 Single, Inverting/Non-Inverting 9.0A Peak Output Current, Low Side Driver TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC426/7/8 Dual, Inverting/Non-Inverting/Combo		
TC4426/7/8 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  Dual, Inverting/Non-Inverting  Dual, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC4403 Single, Non-Inverting, Floating Load Driver		
High-Performance "A" Version  2.0A Peak Output Current, Low Side Driver  TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting/Non-Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC4404/05 Dual, Inverting/Non-Inverting		
TC1412/N Single, Inverting/Non-Inverting  3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance			
3.0A Peak Output Current, Low Side Drivers  TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	2.0A Peak Output Current, Low Side Driver		
TC1413/N Single, Inverting/Non-Inverting  Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting  TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC1412/N Single, Inverting/Non-Inverting		
TC4423/4/5  Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429  Single, Inverting  TC4420/29  Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22  Single, Inverting/Non-Inverting, Also Available in High-Performance			
### High-Performance "A" Version    6.0A Peak Output Current, Low Side Drivers	3.0A Peak Output Current, Low Side Drivers		
TC429 Single, Inverting TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance			
TC4420/29 Single, Inverting/Non-Inverting  9.0A Peak Output Current, Low Side Driver  TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in		
9.0A Peak Output Current, Low Side Driver TC4421/22 Single, Inverting/Non-Inverting, Also Available in High-Performance	TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version		
TC4421/22   Single, Inverting/Non-Inverting, Also Available in High-Performance	TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers		
	TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting		
1. 10.0.0.1	TC1413/N Single, Inverting/Non-Inverting  TC4423/4/5 Dual, Inverting/Non-Inverting/Combo, Also Available in High-Performance "A" Version  6.0A Peak Output Current, Low Side Drivers  TC429 Single, Inverting  TC4420/29 Single, Inverting/Non-Inverting		

TC4451/52

TC4626/27

TC4431/32

Single, Inverting/Noninverting 1.5A Peak Output Current, High Side/Low Side Drivers

Single, Inverting/Non-Inverting

Single, Inverting/Non-Inverting

Voltage Detectors	
Voltage Detectors with low quiescent current.	
Device	Description
MCP111	1 μA Voltage Detector with Open-Drain Output
MCP112	1 μA Voltage Detector with Push-Pull Output
TC51	1 μA Voltage Detector with Output Delay
TC52	Dual Channel Voltage Detector
TC53	1 μA Voltage Detector with Output Delay
TC54	1 μA Operating Current CMOS Voltage Detector

#### **PWM Controllers**

Our high-speed Pulse Width Modulator circuits were developed for advanced power supply applications particularly when used in conjunction with a PIC® microcontroller.

MCP1630/V PIC® microcontroller "attach" High-Speed Pulse Width Modulato	r
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#### **Power Management Combo ICs**

Our space and cost-saving Combo ICs combine supervisor and regulator functions in one IC.

TC1300	CMOS LDO with Shutdown Mode, Bypass and Independent Delay Reset Output
TC1301	Dual CMOS LDO (300 mA, 150 mA), with Shutdown Pin, Bypass and Independent Reset Output
TC1302	Dual CMOS LDO (300 mA, 150 mA), with Shutdown Pin, Bypass
TC1303	500 mA Synchronous Buck Regulator and 300 mA LDO with Power-Good Output
TC1305	Dual, 150 mA CMOS LDO with Select Mode™ Shutdown and Independent Reset Output
TC1306	Dual, 150 mA CMOS LDO with Select Mode Shutdown and Reset Output
TC1307	Quad, 150 mA CMOS LDO with Select Mode Shutdown and Reset Output

#### **Switching Regulators**

Choose from a variety of switching frequencies with low supply currents in our Switching Regulator families.

PFM/PWM Buck Regulators/Controllers	
MCP1601	PFM/PWM Step-Down (Buck), 500 mA Synchronous Regulator
TC105	PFM/PWM Step-Down (Buck) DC/DC Controller
TC120	PFM/PWM Step-Down (Buck) Combination DC/DC Regulator/ Controller
TC1303	500 mA Synchronous Buck Regulator and 300 mA LDO with Power-Good Output
PWM Buck Regulators	
MCP1612	Constant Frequency PWM Step-Down (Buck), 1.0A Synchronous Regulator
PFM/PWM Boost Regulators/Controllers	
TC110	PFM/PWM Step-Up (Boost) DC/DC Controller
TC115	PFM/PWM Step-Up (Boost) DC/DC Regulator
TC125/126	PFM Step-Up (Boost) DC/DC Regulator
Boost Controllers	
MCP1650	Step-up (Boost) Controller
MCP1651	Boost Controller with Low Battery Indicator
MCP1652	Boost Controller with Power Good Indicator
MCP1653	Boost Controller with Low Battery and Power Good Indicator

#### **System Supervisors**

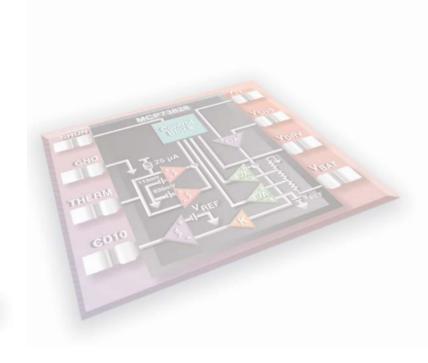
Microchip's System Supervisors offer excellent low supply current and small packages.

Citial packagoo.		
Device	Description	
Power Supply Monitors with Reset Generator for 3.3V and 5V Systems		
MCP102	1 µA Voltage Supervisor with Push-Pull Output (SOT-23 & SC-70)	
MCP103	1 µA Voltage Supervisor with Push-Pull Output (SOT-23 & SC-70)	
MCP121	1 μA Voltage Supervisor with Open-Drain Output (SOT-23 & SC-70)	
MCP131	1 μA Voltage Supervisor with Open-Drain Output and Internal Pull-up Resistor (SOT-23 & SC-70)	
TCM809/10	Precision CPU Supervisor (SOT-23 & SC-70)	
MCP809/10	Microcontroller Supervisory Circuit with Push-Pull Output	
TCM811/12	4-pin μP Reset Monitors	
TC1270/71	4-pin μP Reset Monitors	
TC1272/3/4	3-pin Reset Monitors for 5V Systems	
MCP100	Microcontroller Supervisory Circuit with Push-Pull Output	
MCP101	Microcontroller Supervisory Circuit with Push-Pull Output	
MCP120	3-pin Reset with Open Drain Output	
MCP130	3-pin Reset with Open Drain Output and Internal Pull-up	
Power Supply Mo	nitors with Reset Generator, Watchdog and Manual Reset	
TC32M	3-pin ECONOMONITOR™ Supervisor	
TC1232	Microprocessor Monitor	
MCP1316	Push-Pull, Active Low Output, WDI and /MR Inputs	
MCP1316M	Open-Drain, Active Low Output, Internal Pull-up, WDI and /MR Inputs	
MCP1317	Push-Pull, Active High Output, WDI and /MR Inputs	
MCP1318	Dual Push-Pull Outputs, One Active High, One Active Low, WDI Input	
MCP1318M	Dual Outputs, One Open-Drain, Active Low w/Internal Pull-up, One Push-Pull, Active High, WDI Input	
MCP1319	Dual Push-Pull Outputs, One Active High, One Active Low, /MR Input	
MCP1319M	Dual Outputs, One Open-Drain, Active Low w/Internal Pull-up, One Push-Pull, Active High, /MR Input	
MCP1320	Open-Drain, Active Low Output, External Pull-up, WDI and /MR Inputs	
MCP1321	Dual Outputs, One Open-Drain, Active Low w/External Pull-up, One Push-Pull, Active High, WDI Input	
MCP1322	Dual Outputs, One Open-Drain, Active Low w/External Pull-up, One Push-Pull, Active High, /MR Input	

#### Charge Pump DC/DC Converters

Our Charge Pump DC/DC Converters feature inverting and non-inverting voltage doublers and SMT packaging.

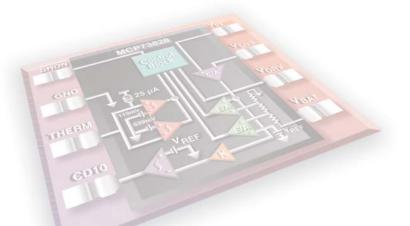
voltage doublers and Sivir packaging.		
Description		
Inverters and Doublers 20-45 mA Output/Vout = -Vin or +2Vin		
1.5V to 12V Input, Boost Frequency Mode Selection (10 kHz/45 kHz)		
1.5V to 10V Input, (10 kHz)		
1.5V to 10V Input, High Frequency (120 kHz)		
1.5V to 15V Input, Boost Frequency Mode Selection (10 kHz/35 kHz)		
1.5V to 12V Input, Boost Frequency Mode Selection (10 kHz/45 kHz)		
1.5V to 5.5V Input, (12 kHz/35 kHz)		
1.5V to 5.5V Input with Shutdown (12 kHz/35 kHz)		
1.8V to 5.5V Input with Shutdown (125 kHz/750 kHz)		
2.5V to 4.0V, Positive Doubling CMOS Charge-Pump Voltage Converter with Shutdown (160 kHz)		
2.5V to 5.5V, Positive Doubling CMOS Charge-Pump Voltage Converter with Shutdown (160 kHz)		
3V to 18V Input (12 kHz), Vout = -Vin or +2 Vin		
t Positive Output, Voυτ = -Vın or +2Vın		
3V to 18V Input (12 kHz/24 kHz), 80 mA louт		
2.4V to 5.5V Input with Shutdown and Frequency Control Selection (10 kHz/200 kHz), 100 mA output		
2.4V to 5.5V Input/up to 10 mA output current (12 kHz) Converter, VouT = -2 VIN		
e Converters		
2.0V to 5.5V Input, 120 mA louт, Fixed (3.3V or 5.0V), or Adjustable (1.5V to 5.5V) Vouт (650 kHz/1.0 MHz)		
1.8V to 3.6V Input, 100 mA lour with High Efficiency Fractional Charge Pump Core		



#### **BATTERY MANAGEMENT**

Get high accuracy and longer battery operation for your portable designs with Microchip's battery management products offering low reverse leakage current and a wide range of features in small footprint packages.

Battery Chargers		
Device	Description	
MCP73826	Single Cell Li-Ion/Li-Polymer Charge Management Controller in SOT-23 Package	
MCP73827	Single Cell Li-lon/Li-Polymer Charge Management Controller with Mode Indicator and Charge Current Monitor	
MCP73828	Single Cell Li-Ion/Li-Polymer Charge Management Controller with Charge Complete Indicator and Temperature Monitor	
MCP73831	Miniature, 500mA, Single Cell Li-Ion/Li-Polymer Fully Integrated Charge Management Controller in 5-lead SOT-23 and 8-lead 2x3 DFN	
MCP73832	Miniature, 500mA, Single Cell Li-Ion/Li-Polymer Fully Integrated Charge Management Controller in 5-lead SOT-23 and 8-lead 2x3 DFN	
MCP73841	Single Cell Li-Ion/Li-Polymer Charge Management Controller with Charge Status Indicator, Safety Timers and Temperature Monitor	
MCP73842	Dual Cell Li-lon/Li-Polymer Charge Management Controller with Charge Status Indicator, Safety Timers and Temperature Monitor	
MCP73843	Single Cell Li-lon/Li-Polymer Charge Management Controller with Charge Status Indicator and Safety Timers	
MCP73844	Dual Cell Li-lon/Li-Polymer Charge Management Controller with Charge Status Indicator and Safety Timers	
MCP73853	Single Cell USB Compatible Li-Ion/Li-Polymer Fully Integrated Charge Management Controller with Safety Timers, Temperature Monitor and Thermal Regulation	
MCP73855	Single Cell USB Compatible Li-lon/Li-Polymer Fully Integrated Charge Management Controller with Safety Timers and Thermal Regulation	
MCP73861/3	1A, Single Cell Li-lon/Li-Polymer Fully Integrated Charge Management Controller with Charge Status, Safety Timers and Temperature Monitor	
MCP73862/4	1A, Dual Cell Li-Ion/Li-Polymer Fully Integrated Charge Management Controller with Charge Status, Safety Timers and Temperature Monitor	



#### **LINEAR SOLUTIONS**

Microchip's Operational Amplifier family offers one of the lowest lo for a given GBWP in the industry. All op amps offer rail-to-rail output with many also offering rail-to-rail input. Microchip's family of low power Comparators offers single, dual or quad amplifiers in space-saving packages.

<b>Operational Ampli</b>	ifiers
Device	Description
TC1029	Dual, Low Power Rail-to-Rail Input/Output
TC1030	Quad, Low Power with Shutdown Modes, Rail-to-Rail Input/Output
TC1034/(35)	Single, (Single with Shutdown) Low Power (SOT-23 Package), Rail-to-Rail Input/Output
MCP601/2/(3)/4	Single/Dual/(Single with Chip Select)/Quad, Rail-to-Rail Output
MCP606/7/(8)/9	Single/Dual/(Single with Chip selct)/Quad, Low-Power, Rail-to-Rail Output, Vos<250 μV
MCP616/17/(18)/19	2.3V Single/Dual/(Single with Chip select)/Quad, Rail-to-Rail Output, Vos<150 $\mu$ V
MCP6001/2/4	Single/Dual/Quad, 1 MHz 1.8V Dual, Rail-to-Rail Input/ Output
MCP6021/22/(23)/24	10 MHz Single/Dual/(Single with Chip Select)/Quad, Rail-to-Rail Input/Output
MCP6041/42/(43)/44	600 nA, 1.4V, 10 kHz, Single/Dual/(Single with Chip Select)/Quad, Rail-to-Rail Input/Output
MCP6141/42/(43)/44	600 nA, 1.4V, 120 kHz G>10, Single/Dual/(Single with Chip Select)/Quad, Rail-to-Rail Input/Output
MCP6231/32/34	300 kHz, Single/Dual/Quad, Low Power, Rail-to-Rail Input/Output, Extended Temperature
MCP6241/42/44	650 kHz, Single/Dual/Quad, Low Power, Rail-to-Rail Input/Output, Extended Temperature
MCP6271/72/(73)/ 74/(75)	2 MHz, Single/Dual/(MCP6273 -Single with Chip Select Shutdown)/Quad/(MCP6275 - Dual Connected with Chip Select), Rail-to-Rail Input/Output, Extended Temperature
MCP6281/82/(83)/ 84/(85)	5 MHz, Single/Dual/(MCP6283 -Single with Chip Select Shutdown)/Quad/(MCP6285 - Dual Connected with Chip Select), Rail-to-Rail Input/Output, Extended Temperature
MCP6291/92/(93)/ 94/(95)	10 MHz, Single/Dual/(MCP6293 -Single with Chip Select Shutdown)/Quad/(MCP6295 - Dual Connected with Chip Select), Rail-to-Rail Input/Output, Extended Temperature
Programmable Ga	in Amplifiers
SPI Bus programmable	e amplifiers with built-in Analog Multiplexer.
MCP6S21/2/6/8	Single/Dual/Hex/Octal, Precision Rail-to-Rail Input/ Output, Gain and Channel Control over SPI
MCP6S91/2/3	Single/Dual/Dual, Low-Cost, Rail-to-Rail Input/Output, Gain and Channel Control over SPI

	Single/Dual/Hex/Octal, Precision Rail-to-Rail Input/ Output, Gain and Channel Control over SPI
	Single/Dual/Dual, Low-Cost, Rail-to-Rail Input/Output, Gain and Channel Control over SPI

#### **Comparators**

Several comparators are offered with low supply voltage (1.8) and low supply current (1  $\mu$ A). Examples include the **MCP6541, TC1039, TC1038** and the MCP6546 family of push-pull and open-drain comparators, which are designed for very low power single-supply applications.

The MCP6541, TC1039 and TC1038 families of comparators have a push-pull output that interfaces with CMOS/TTL logic. The output limits supply current surges and dynamic power consumption while switching.

The MCP6546 family of comparators has an open-drain output that can be pulled up to 10V supply.

The linear building blocks such as TC1027, TC1039 and TC1041, have integrated reference voltage and shutdown which makes them ideal for low power portable applications.

#### MIXED-SIGNAL SOLUTIONS

High performance combined with low cost and low power consumption make our Analog-to-Digital Converters (A/D Converters) ideal for portable instrumentation, embedded control and data acquisition applications. Microchip's portfolio includes Delta-Sigma A/D Converters with up to 22-bit resolution and sampling speeds up to 60 samples per second. Successive Approximation Register (SAR) A/D Converters have 10-, 12- and 13-bit resolutions with sampling rates up to 200 ksps. Also included are Dual Slope A/D Converters with high resolution of up to 17 bits with fully differential inputs, plus BCD and Binary A/D Converters which feature over-range and under-range detection.

The MCP3905/6 devices are Energy Measurement ICs that output a frequency proportional to the average active (real) power at the inputs. The MCP3905/6 devices incorporate two 16-bit Delta-Sigma ADCs with a progammable gain up to 16 or 32, which enable small shunt meter designs for measuring a wide range of IB and IMAX currents.

Select from low-cost serial D/A Converters, Voltage-to-Frequency Converters (V/F), Frequency-to-Voltage Converters (F/V) and low dropout precision Voltage References that feature low power and high precision. Rounding out Microchip's Mixed-Signal Family are the Single- and Dual-Channel Digital Potentiometers.

System Analog-to-Digital Converters			
Device	Description		
Delta-Sigma A/D Converters			
MCP3550-50	22-bit, 15 sps, SPI Interface, 50 Hz Rejection		
MCP3550-60	22-bit, 15 sps, SPI Interface, 60 Hz Rejection		
MCP3551	22-bit, 15 sps, SPI Interface, 50/60 Hz Rejection		
MCP3553	22-bit, 60 sps, SPI Interface, Single Channel		
SAR A/D Converters	3		
MCP3001/2/4/8	10-bit, SPI Interface, Single/Dual/4/8 Input Channel		
MCP3201/2/4/8	12-bit, SPI Interface, Single/Dual/4/8 Input Channel		
MCP3021	10-bit, I <sup>2</sup> C Interface, Low Power, SOT-23, Single Channel		
MCP3221	12-bit, I <sup>2</sup> C Interface, Low Power, SOT-23, Single Channel		
MCP3301/2/4	13-bit, SPI Interface, Single/Dual/4, Differential Input		
Dual Slope A/D Con	verters		
TC500/A	16-bit/17-bit Front End		
TC510	17-bit Front End		
TC514	17-bit Front End with 4 Channel Input MUX		
TC520A	Serial Interface Adapter for TC500 A/D Converters		
TC530	17-bit, Single Input Channel		
TC534	17-bit, 4 Input Channel		
TC7109/A	12-bit Plus Sign, CMOS Low-Power A/D Converter		
BCD and Binary A/L	) Converters		
TC835	4-1/2 Digit, P.C. Data Acquisition A/D Converter		
TC850	15-bit, Fast Integrating, CMOS A/D Converter		
TC7135	4-1/2 Digit, A/D Converter		
TC14433/A	3-1/2 Digit, A/D Converter		
Energy Measur	rement		
MCP3905	16-bit, Integrated 16x PGA and Fixed Function DSP		
MCP3906	16-bit, Integrated 32x PGA and Fixed Function DSP		

Display Analo	og-to-Digital Converters				
Device	Description				
LCD Display - 4-1	L/2 Digit				
TC7129	Basic 1-Chip DMM with Hold, Low Battery				
LCD Display - 3-1	LCD Display – 3-1/2 Digit				
TC7106/A	Basic 1-Chip DMM with Internal Reference				
TC7116/A	Plus Hold Function				
TC7126/A	Low Power Basic 1-Chip DMM				
LED Display – 3-1/2 Digit					
TC7107/A	Basic 1-Chip DMM with Internal Reference				
TC7117/A	Plus Hold Function				
LED Display - 3-3	3/4 Digit				
TC820	DMM plus Frequency Counter and Logic Probe				
Digital Poten	tiometers				
MCP4011	6-bit Volatile Potentiometer with U/D Interface in 8-lead SOIC, MSOP and 2x3 DFN (2, 5, 10, 50 Kohm)				
MCP4012	6-bit Volatile Rheostat with U/D Interface in 6-lead SOT-23 (2, 5, 10, 50 Kohm)				
MCP4013	6-bit Volatile Potentiometer with U/D Interface in 6-lead S0T-23 (2, 5, 10, 50 Kohm)				
MCP4014	6-bit Volatile Rheostat with U/D Interface in 5-lead SOT-23 (2, 5, 10, 50 Kohm)				
MCP4021	6-bit Non-volatile Potentiometer with U/D Interface in 8-lead SOIC, MSOP and 2x3 DFN (2, 5, 10, 50 Kohm)				
MCP4022	6-bit Non-volatile Rheostat with U/D Interface in 6-lead S0T-23 (2, 5, 10, 50 Kohm)				
MCP4023	6-bit Non-volatile Potentiometer in 6-lead SOT-23 (2, 5, 10, 50 Kohm)				
MCP4024	6-bit Non-volatile Rheostat in 5-lead SOT-23 (2, 5, 10, 50 Kohm)				
MCP41010	10 Kohm, Single with SPI Interface				
MCP42010	10 Kohm, Dual with SPI Interface				
MCP41050	50 Kohm, Single with SPI Interface				
MCP42050	50 Kohm, Dual with SPI Interface				
MCP41100	100 Kohm, Single with SPI Interface				
MCP42100	100 Kohm, Dual with SPI Interface				
Voltage Refe	rences				
MCP1525	2.5V Precision Voltage Reference				
MCP1541	4.096V Precision Voltage Reference				
System D/A	Converters				
MCP4921	12-bit Digital-to-Analog Converter with SPI Interface				
MCP4922	Dual-channel 12-bit Digital-to-Analog Converter with SPI Interface				
MCP4821	12-bit Digital-to-Analog Converter with Internal Voltage Reference and SPI Interface				
MCP4822	Dual-channel 12-bit Digital-to-Analog Converter with Internal Voltage Reference and SPI Interface				
TC1320/1	8/10-bit Digital-to-Analog Converter with Two-Wire Interface				
V/F and F/V	Converters				
TC9400/1/2	Precision V/F and F/V Converters				
. 30 .00/ 1/2	1				

#### INTERFACE SOLUTIONS

In addition to microcontrollers with integrated CAN ports, Microchip offers peripherals designed to provide flexible, cost-effective options for implementing complete CAN nodes. Products include stand-alone CAN controllers, CAN input/output expanders and high-speed CAN transceivers.

Microchip offers products to enable customers to add infrared connectivity to their embedded applications. Products include infrared encoder/decoders and IrDA® protocol stack controllers. Continuing its leadership in LIN (Local Interconnect Network) solutions, the recently introduced MCP201 device, a single-chip LIN bus interface transceiver with an integrated voltage regulator, joins the portfolio of LIN microcontrollers and development tools.

CAN Peripherals		
Device	Description	
MCP2515	Stand-Alone CAN Controller with SPI Interface	
MCP2551	High-Speed CAN Transceiver	
MCP25020/25	CAN Input/Output Expander with Digital I/O and 2 PWM Outputs	
MCP25050/25	CAN Input/Output Expander with Digital I/O, PWM Outputs and A/D Inputs	

Device	Description	
MCP2120	IR Encoder/Decoder, Hardware/Software Baud Rate Selection	
MCP2122	8-pin IR Encoder/Decoder, 16x Clock Input	
MCP2140	Fixed-speed, Low-power IrDA Protocol Handler Plus Bit Encoder, Decoder	
MCP2150/55	IrDA® Protocol Handler plus Bit Encoder/Decoder	
LIN Transce	iver	
MCP201	Single-Chip LIN Bus Interface Transceiver with an Integrated Voltage Regulator	
Serial Peripl	nerals	
MCP2030	Analog Front End for Low Frequency Sense and Response Applications	
MCP23008/ 23S08	8-bit Input/Output Expanders. Support for both I <sup>2</sup> C and SPI Protocols	
MCP23016	16-bit Input/Output Expander	
MCP23017/ 23S17	16-bit Input/Output Expanders, Support for both I <sup>2</sup> C and SPI Protocols	
Ethernet Co	ntroller	
ENC28J60	10BaseT Stand Alone Ethernet Controller with On-board MAC and PHY	

#### **Thermal Management Products**

#### MCP9800 Thermal Sensor PlCtail™ Demonstration Board



Part Number MCP9800DM-PCTL

The MCP9800 demonstration board illustrates how to interface the MCP9800 to a PIC® microcontroller. The board can also be used as a stand-alone module to quickly add

thermal sensing capability to any existing application. This basic sensor functionality is implemented on a small Printed Circuit Board (PCB) and an interface via a standard 100 mil header.

# MCP9800 Temperature Data Logger Demonstration Board

Part Number: MCP9800DM-DL

Allows users to store up to 128000 temperature readings from the MCP9800 sensor to the 24LC1025, Microchip's 1024 Kbit EEPROM. A PIC16F684 microcontroller communicates with the sensor and EEPROM. In addition, the PIC® microcontroller interfaces to a PC using the PICkit™ 1 Flash Starter Kit and transfers the temperature readings from the EEPROM to the PC. Microsoft Excel can be used to view the data.

#### **Power Management Products**

# MCP1252 Charge Pump Backlight Demonstration Board



Part Number: MCP1252DM-BKLT

Demonstrates the use of a charge pump device in an LED application and acts as a platform to evaluate the MCP1252 device in general. Light intensity is controlled uniformly through

the use of ballast resistors. A PIC10F206 MCU provides an enable signal to the MCP1252 and accepts a push-button input that allows the white LEDs to be adjusted to five different light intensities.

#### **MCP1650 Boost Controller Evaluation Board**

Part Number MCP1650EV

Demonstrates the MCP165X Boost Controller product family in two high-power, boost-converter applications.



# MCP7384X Li-lon Battery Charger Evaluation Board



Part Number: MCP7384XEV

Three circuits use MCP73841, MCP73842 and MCP73843 devices to demonstrate simple, stand-alone, linear charging of single- or dual-cell, Lithium-lon/Lithium-Polymer battery packs (battery packs are not included).

#### **Linear Products**

#### MCP6S22 PGA PICtail™ Demonstration Board



Part Number MCP6S22DM-PICTL

This board evaluates/demonstrates Microchip's MCP6S21/2/6/8 Programmable Gain Amplifier (PGA) family. Interface this board with the PICkit™ 1 Flash Starter Kit to demonstrate firmware integration

between the PIC® microcontroller and PGA devices, while allowing modification and development of firmware for specific requirements.

#### MCP6SX2 PGA Photodiode PICtail™ Demonstration Board

Part Number MCP6SX2DM-PCTLPD

Opens possibilities to process other sensor signals. Increases the number of PIC microcontroller I/O pins available for other purposes. Features a PNZ334 photo-diode, MCP6001U op amp and MCP6S22 and MCP6S92 Programmable Gain Amplifiers (PGA).



#### **Mixed-Signal Products**

# MCP3551 Delta-Sigma ADC Demonstration Board



Part Number: MCP3551DM-PCTL

Designed to demonstrate the MCP3551 device's 22-bit Delta-Sigma Analog-to-Digital (ADC) Converter performance using DataView™ software installed on a PC. This demo board can be used with MPLAB® ICD 2, PICkit™ 1 Flash Starter Kit or PICkit™ 2 Development Programmer for developing demonstration/evaluation firmware.

#### **MCP3905 Energy Meter Evaluation Board**

Part Number: MCP3905EV

This evaluation board is designed to test out a variety of energy meter designs. On the input side high voltage line and load AC-plug headers are included, along with mounting holes for shunts, current transformers and screw-type connections for wiring. On the output side a large prototype area is included along with optical isolation and a standard PICtail™ header for experiments with a variety of PIC® microcontroller based energy meter designs.

#### **Interface Products**

# MCP2140 IrDA® Wireless Temp Demonstration Board



Part Number MCP2140DM-TMPSNS

Demonstrates the MCP2140 device in a real-world application. Shows how to integrate an IrDA® standard port.

Microchip strives to offer complete design solutions, including innovative and easy-to-use development tools. FilterLab® 2.0 Active Filter Software (a free download at www.microchip.com), takes the mystery out of analog and eases the difficult job of active filter design. The MXDEV® 1 Analog Evaluation System makes it easier for system designers to configure the output stage and input signal source and scaling.

Engineers can evaluate, demonstrate and develop interface applications using one of Microchip's kits, such as:

The MCP2510 CAN Developer's Kit which can be used to demonstrate basic CAN input/output functionality and monitor bus activity on the user's CAN bus.

The MCP250XX CAN I/O Expander Developer's Kit includes everything needed to create a CAN-based system using Microchip's CAN I/O expander family.

The MCP2120/2150 Infrared Developer's Kit includes everything needed to create a system that communicates using an infrared wireless connection.

Several evaluation kits are also available to support the development and prototyping of Microchip's Brushless DC Fan Controllers and Temperature Sensors, such as the TC642EV and TC650DEMO. You'll find the most current information on our evaluation kits, demonstration boards and development tools for A/D converters, fan controllers, temperature sensors and digital potentiometers and interface devices, as well as electronic selection tools for power MOSFET drivers and LDOs at the Microchip web site: www.microchip.com

Order #	Description	Devices Supported
Thermal Manageme	nt Demonstration and Evaluation Tools	
TMPSNS-RTD1	PT100 RTD Evaluation Board	MCP6S26, MCP3301, MCP6024, MCP41010, PIC18F2550, TC1071, MCP6002
MCP9700DM-PCTL	MCP9700 Temperature-to-Voltage Converter PlCtail™ Demonstration Board	MCP9800
MCP9800DM-PCTL	MCP9800 Temperature Sensor PICtail™ Demonstration Board	MCP9800
MCP9800DM-DL	MCP9800 Temperature Data Logger Demonstration Board	MCP9800
TC72DM-PICTL	TC72 Digital Temperature Sensor PlCtail™ Demonstration Board	TC72
TC74DEMO	TC74 Serial Digital Thermal Sensor Demonstration Board	TC74
TC77DM-PICTL	TC77 Thermal Sensor PICtail™ Demonstration Board	TC77
TC642DEMO	TC64X/64XB Fan Speed Controller Demonstration Board	TC642, TC646, TC647, TC648, TC649
TC642EV	TC64X/64XB Fan Speed Controller Evaluation Board	TC642, TC646, TC647, TC648, TC649
TC650DEMO	TC650 Fan Controller Demonstration Board	TC650
TC652DEMO	TC652 Fan Controller Demonstration Board	TC652
TC1047ADM-PICTL	TC1047A Temperature-to-Voltage Converter PICtail™ Demonstration Board	TC1047A
Mixed Signal Demon	stration and Evaluation Tools	
DV3201A	MCP3XXX Single/Dual ADC MXDEV Daughter Board	MCP3001, MCP3002, MCP3201, MCP3202
DV3204A	MCP3204/08 MXDEV Daughter Board	MCP3004, MCP3008, MCP3204, MCP3208
MCP3221DM-PCTL	MCP3221 PICtail™ Demonstration Board	MCP3221
MCP3551DM-PCTL	MCP3551 Delta-Sigma ADC Demonstration Board	MCP3551
MCP355XDV-MS1	MCP355X Sensor Application Developer's Board	MCP3551, MCP3553, MCP3550-50, MCP3550-60
MCP355XDM-TAS	MCP355X Tiny Application Sensor Demonstration Board	MCP3551, MCP3553, MCP3550-50, MCP3550-60
MCP3905EV	MCP3905 Energy Meter Evaluation Board	MCP3905
MCP3905RD-PM1	MCP3905 Energy Meter Reference Design	MCP3905
MCP402XEV	MCP402X Non-Volatile Digital Potentiometer Evaluation Board	MCP4021, MCP4022, MCP4023, MCP4024
DV42XXX	MCP42XXX Digital Pot Evaluation Board	MCP42010, MCP42050, MCP42100
DVMCPA	MXDEV® Analog Evaluation System	MCP3001/02, MCP3004/08, MCP3201/08, MCP3204/08
MXSIGDM	Mixed Signal PlCtail™ Demonstration Board	TC132X, MCP330X, MCP320X, MCP482X, MCP492X, MCP3221, MCP3021, MCP1525
Power Management	Demonstration and Evaluation Tools	
MCP1252DM-BKLT	MCP1252 Charge Pump Backlight Demonstration Board	MCP1252
MCP1256/7/8/9EV	MCP1256/7/8/9 Charge Pump Evaluation Board	MCP1256, MCP1257, MCP1258, MCP1259
MCP1601EV	MCP1601 Buck Regulator Evaluation Board	MCP1601
MCP1612EV	MCP1612 Synchronous Buck Regulator Evaluation Board	MCP1612

SOT-23-5, SOT-23-6 Devices

SOT-23-5/6 Voltage Supervisor Evaluation Board

■ MCP2510 Filters

VSUPEV2

Write

#### Support

Microchip is committed to supporting its customers in developing products faster and more efficiently. We maintain a worldwide network of field applications engineers and technical support ready to provide product and system assistance. In addition, the following service areas are available at www.microchip.com:

- Support link provides a way to get questions answered fast.
- **Sample** link offers free evaluation samples of any Microchip device.
- Training link offers webinars, registration for local seminars/workshops and information on annual MASTERs events held throughout the world.

#### **Purchase**



microchipDIRECT is a web-based purchasing site that gives you 24-hour-a-day

access to all Microchip devices and tools, including pricing, ordering, inventory and support. You can buy the products you need on a easily opened Microchip line of credit.

#### **Sales Office Listing**

Technical Support: http://support.microchip.com

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