




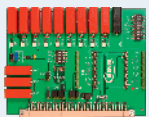
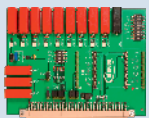
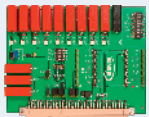
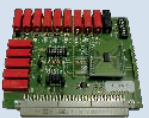

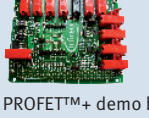







Board Name	Products	Description	Order No.
For Microcontroller evaluation boards, please see "Microcontroller" category.			
 Basic buck converter	TLE 8366  DC/DC converter	This application board enables you to test the performance of the TLE 8366 basic buck converter. It is equipped with a TLE 8366EV for variable output voltages (preadjusted to 4.8V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.	Demoboard TLE8366
 Buck converter	TLE 6389-2GV  DC/DC converter	Multi-purpose buck controller for external PMOS switch, 5V or adjustable output voltage, maximum of 2.3A output current, low quiescent current.	Demoboard TLE6389-2GV
 LED driver demo board	TLE 4309 TLE 4242G  LED driver	This board is designed to demonstrate the performance of our linear LED driver TLE 4242G and TLE 4309G with Osram high brightness LEDs. It is possible to choose between the two drivers. A potentiometer allows the adjustment of the PWM duty-cycle for dimming the LEDs.	Demoboard TLE4242G LED driver/TLE4309
 BCR 450 board	BCR 450  LED driver	Drive high-power LEDs (1W, 3W) with the BCR 450 <ul style="list-style-type: none"> <li>– Max. supply voltage: 27V</li> <li>– BCR 450 + 3 different transistors for currents up to 2A</li> <li>– BAS 3007A-RPP Schottky Diode for Reverse Polarity Protection</li> <li>– Can be connected to a string of LEDs</li> <li>– PWM signal can be applied</li> </ul>	SP000417098

Board Name	Products	Description	Order No.
	BCR 402W	The BCR 402W is an ideal drop-in replacement for resistor-based channel letter solutions:	SP000748242
BCR 402W 12V LED board	LED driver	<ul style="list-style-type: none"> <li>– 12V supply voltage, 20mA preset LED current</li> <li>– Footprint for external resistor for adjusting LED current</li> <li>– Footprint for Schottky diodes (can be replaced by jumpers)</li> <li>– 3 x 0.2W LEDs in series, type: OSRAM TopLED LW T6SG</li> </ul>	
	BCR 402W	The BCR 402W is an ideal drop-in replacement for resistor-based channel letter solutions:	SP000748244
BCR 402W 24V LED board	LED driver	<ul style="list-style-type: none"> <li>– 24V supply voltage, 20mA preset LED current</li> <li>– Footprint for external resistor for adjusting LED current</li> <li>– Footprint for Schottky diodes (can be replaced by jumpers)</li> <li>– 6 x 0.2W LEDs in series, type: OSRAM TopLED LWT6SG</li> </ul>	
	BCR 320U	The BCR 320U is the only dedicated 0.5W LED driver on the market.	SP000858442
BCR 320U HW LED board	LED driver	BCR 320U demo board driver features: <ul style="list-style-type: none"> <li>– 24V supply voltage</li> <li>– Constant LED current of 150mA</li> <li>– BAS 3007A-RPP Schottky Diode for reverse polarity protection</li> <li>– 6 x 0.5W LEDs, type: OSRAM Advanced Power Topled +</li> </ul>	
	ILD 4035	Drive 3 x 1W LED Halogen replacement (MR16) lamps with this ready-to-use reference design:	SP000891904
ILD 4035 MR16 demo board	LED driver	<ul style="list-style-type: none"> <li>– Equipped with ILD 4035 for 350mA LED current</li> <li>– 12V DC or AC supply voltage</li> <li>– 4 BAS 3010A Schottky Diodes for reverse polarity protection</li> <li>– Including typical MR16 socket pins for instant use in existing designs.</li> </ul>	
	ILD 4035	Drive 1W LEDs with the buck LED driver ILD 4035:	SP000858450 (24V version) SP000858448 (12V version)
ILD 4035 24V board	LED driver	<ul style="list-style-type: none"> <li>– 24V and 12V supply voltage version available</li> <li>– 350mA preset LED current</li> <li>– Analog voltage and PWM pin for dimming</li> <li>– Can be connectec to a string of 1W LEDs</li> </ul>	
	ILD 4120	Drive 3W LEDs with the buck LED driver ILD 4120:	SP000858452 (24V version) SP000858454 (12V version)
ILD 4120 24V board	LED driver	<ul style="list-style-type: none"> <li>– 24V and 12V supply voltage version available</li> <li>– 700mA preset LED current</li> <li>– Analog voltage and PWM pin for dimming</li> <li>– Can be connected to a string of 3W LEDs</li> </ul>	
	ILD 4001	Drive high power LEDs (1W, 3W, 3W+) with the buck LED controller ILD 4001:	SP000889588
ILD 4001 board	LED driver	<ul style="list-style-type: none"> <li>– 24V supply voltage</li> <li>– Equipped with BSR 302N MOSFET for currents up to 3A</li> <li>– Analog voltage and PWM pin for dimming</li> <li>– Can be connected to a string of high power LEDs</li> </ul>	
	ILD 4180	Drive ultra-high power LEDs with the buck LED driver ILD 4180:	SP000848474
ILD 4180 demo board	LED driver	<ul style="list-style-type: none"> <li>– Up to 45V supply voltage</li> <li>– LED current adjustable up to 1.8A</li> <li>– Demo board can be operated in either constant current or constant output voltage mode</li> </ul>	
	ICL 8001G	Demo board using single stage Quasi Resonant Flyback Topology with ICL8001G primary side power control scheme for phase cut dimming applications with high power factor- and efficiency- requirements.	EVAL-LED-ICL8001G-Bulb02
LED driver board with ICL 8001G Control	Offline LED driver IC		
	ICE 3B0365JG	24V/350mA low-cost and highly efficient LED PSU for multiple LEDs.	EVALACDC LED-ICE3B0365JG
LED driver board with CoolSET™	Power control Ics		
	BTS 3256D	Protected low-side power switch (10mΩ at 25°C). This board enables easy startup and connectivity for the new power HITFET™ BTS 3256D. Enables easy read out of digital status via LED, and easy slew rate change via variable resistor on board.	Demoboard BTS3256D
HITFET™ protected low-side power switch	Low-side switch		



Board Name	Products	Description	Order No.
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7231G TLE 7233G	SPI Driver for Enhanced Relay Control (SPIDER). This board is designed to interface with the universal body control module system evaluation tool.	Demoboard TLE7231G/7233G
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7234EM TLE 7234SE TLE 7237SL	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7234SE and TLE 7237SL.	Demoboard TLE7234/7237
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7235EM TLE 7235SE TLE 7238SL	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7235SE and TLE 7238SL.	Demoboard TLE7235/7238
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7236EM TLE 7236SE TLE 7239SL	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7236SE and TLE 7239SL.	Demoboard TLE7236/7239
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7240SL TLE 7243SL TLE 7244SL	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7240SL, TLE 7243SL and TLE 7244SL.	Demoboard TLE724XSL
 HIC-PROFET™	BTS 500x0-1EGA	For a quick start to lab evaluation, this demo board drives loads such as heating, glow plugs or lamps in 12V DC applications. It uses two devices from the BTS 500x0-1EGA product family, which can be used in parallel and also to drive two independent loads. The board can be used on a stand-alone basis, but also in combination with power easy kit for quick start of software evaluation.	Demoboard BTS50050-1EGA Demoboard BTS50060-1EGA Demoboard BTS50070-1EGA Demoboard BTS50080-1EGA
 PROFET™+ demo board	BTS 5020-2EKA BTS 5030-2EKA BTS 5045-2EKA BTS 5090-2EKA BTS 5120-2EKA BTS 5180-2EKA	This demo board is designed to handle all devices within the PROFET™+ family. It provides the complete external circuitry and testpins for a fully functional setup. Additional functions like internal voltage generation for input pins and the possibility to connect more than one demo board for a test set-up are included. The demo board comes with a daughterboard that holds the BTS 5020-2EKA which can be replaced by daughterboards of other PROFET™+ devices.	Demoboard PROFET™+
 PROFET™+ demo board		High-side switch	
 SPOC I - power easy kit	BTS 5590G BTS 5576G BTS 5566G	This board is part of the SPOC (SPI power controller for advanced light control) demo kit.  The demo kit consists of the power unit and the control unit (XC2287 power easy kit - to be ordered separately).	Demoboard BTS5590G BTS5576G BTS5566G
 SPOC II - power easy kit	BTS 5662E BTS 5672E BTS 5682E BTS 5672E BTS 5662E	This board is part of the SPOC (SPI power controller for advanced light control) demo kit.  The demo kit consists of the power unit and the control unit (XC2287 power easy kit - to be ordered separately).	Demoboard BTS5662E BTS5672E BTS5682E BTS5672E BTS5662E





Board Name	Products	Description	Order No.
 SPOC FL - power easy kit	BTS 6480SF BTS 6460SF BTS 5480SF BTS 5460SF  Multi-channel switch	This board is part of the SPOC FL (SPI power controller for advanced front light control) demo kit.  The demo kit consists of the power unit and the control unit (XC2287 power easy kit - to be ordered separately).	Demoboard BTS6480SF BTS6460SF BTS5480SF BTS5460SF
 TLD 5098EL Application board	TLD 5098EL  DC/DC boost controller	This small size DC/DC board is available in the following topologies: – Boost to battery – Boost to GND – SEPIC and can drive LED loads up to 1.5A or higher.	Application Board TLD5098EL
 TLD 5095EL demo board	TLD 5095EL  DC/DC boost controller	This board is equipped with TLD 5095EL boost controller, MOSFETs and LEDs or can be used via jumper-seeting with external LED loads up to 1.5A or higher and up to 55V output voltage.	Demoboard TLD5095EL
 TLD 5098EL demo board	TLD 5098EL  DC/DC boost controller	This board is equipped with TLD 5098EL boost controller, MOSFETs and LEDs or can be used via jumper-seeting with external LED loads up to 1.5A or higher and up to 60V output voltage.	Demoboard TLD5098EL
 TLD 5085 demo board	TLD 5085  DC/DC buck converter	This board with the TLD 5085 buck converter is equipped with LEDs or can be used via jumper-seeting with external LED loads up to 1.8A.	Demoboard TLD5085
 TLD 5085 Application board with LED	TLD 5085  DC/DC buck converter	This board with the TLD 5085 buck converter is equipped with one LED or can be used with external LED loads up to 1.8A.	Application Board TLD5085 with LED
 TLD 5085 Application board with connector	TLD 5085  DC/DC buck converter	This board with the TLD 5085 buck converter is equipped with a connector to drive external LED loads up to 1.8A.	Application Board TLD5085 with Connector
 Evaluation board ICB 2FL01G	ICB 2FL01G  Smart ballast controller	Demo board for fluoresent lamp ballast with smart ballast controller 2 <sup>nd</sup> generation ICB 2FL01G for 1x54W T5 lamp.	EVAL board ICB2FL01G
 Evaluation board ICB 2FL02G	ICB 2FL02G  Smart ballast controller	Demo board for dimmable fluoresent lamp ballast with smart ballast controller 2 <sup>nd</sup> generation ICB 2FL02G for 1x26W TC-TEL lamp.	EVAL board ICB2FL02G
 Evaluation board ICB 1FL02G	ICB 1FL02G  Smart ballast controller	Demo board for fluoresent lamp ballast with smart ballast controller 1 <sup>st</sup> generation ICB 1FL03G for 1x54W T5 lamp.	EVAL board ICB1FL02G
 Evaluation board ICB 2FL02G	ICB 2FL02G  Smart ballast controller	Demo board for fluoresent lamp ballast with smart ballast controller 2 <sup>nd</sup> generation ICB 2FL02G for 1x54W T5 lamp.	EVAL board ICB2FL02G
 Evaluation board ICB 1FL03G	ICB 1FL03G  Smart ballast controller	Demo board for fluoresent lamp ballast with smart ballast controller 1 <sup>st</sup> generation ICB 1FL03G for 1x54W T5 lamp.	EVAL board ICB1FL02G

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