



Product Overview

NCP6922C: 4 Channel Power Management IC (PMIC) with 2 DC-DC Converters and 2 LDOs

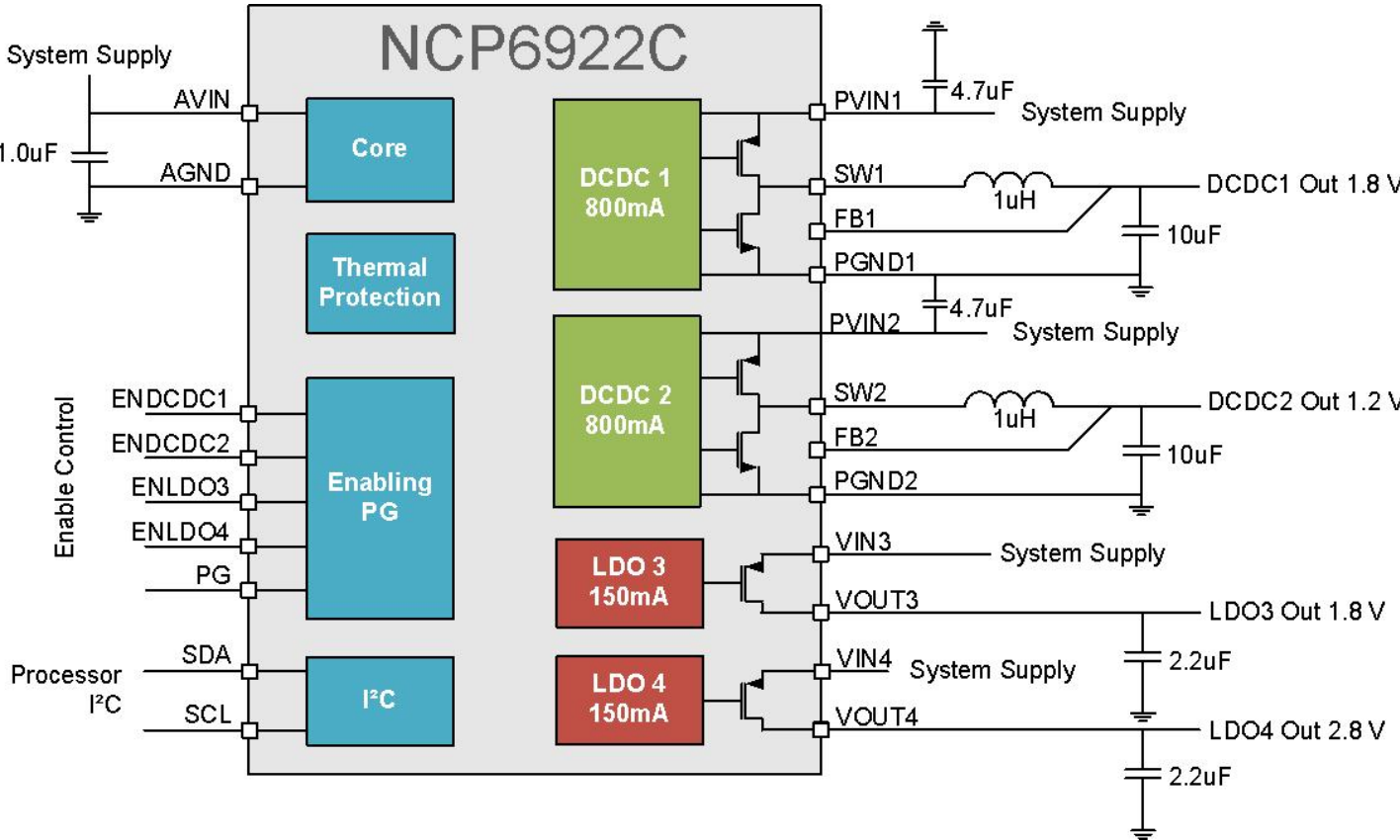
For complete documentation, see the data sheet

Product Description

The NCP6922C is part of the ON Semiconductor mini-power management IC family. It is optimized to supply battery powered portable application subsystems such as camera function, microprocessors, etc. This device integrates two high efficiency 800 mA step-down DC to DC converters with DVS (Dynamic Voltage Scaling) and two low dropout (LDO) voltage regulators in 4x4 mm 20 pins WQFN package.

Features	Benefits
<ul style="list-style-type: none">• Small package 2.46 x 2.06 mm• Ultra low quiescent current (82 uA typ)• Fully programmable by I²C• Two low noise, low dropout regulators, programmable output voltage from 1.0 V to 3.3 V by 50 mV steps, 2 x 150 mA and output current capability, 50 uVrms typical low output noise• Two DC-DC converters, efficiency 95%, programmable output voltage from 0.6 V to 3.3 V by 12.5 mV steps, 800 mA output current capability	<ul style="list-style-type: none">• Reduce PCB space• Save battery life• Offer design flexibility• Offer design flexibility
Applications	End Products
<ul style="list-style-type: none">• Battery powered applications power management• Power supply for processor with low core voltage• Camera modules• Peripheral sub-systems• USB powered devices	<ul style="list-style-type: none">• Gaming systems• Digital still cameras• Set-top box• GPS• Car infotainment

Application Diagram



AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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