DESCRIPTION

The SCT61440S device is a wide input power management IC with four channels output. The device is designed for SoCs in automotive and industrial radar applications.

The SCT61440S integrates one 3A HV Buck, two identical 2A LV Buck and a 500mA LV Boost. Each channel output is continuously monitored, any over-voltage/under-voltage fault will be detected and the device will enter RESET state. All output voltages are pre-programmed, which saves external feedback divider and minimizes system solution. The switching frequency of HV Buck is 2.2M3.2d, HVte (2M3.2d)L.04 5279 (V)a

IDENTIAL

x Available in QFN-24 (4mm*4mm)

- Output Voltage of 3.3V

x Dual Synchronous LV Buck Converters VOUT2, VOUT3:

- Up to 2A Continuous Output Current
- Output Voltage Range 0.8V to 2.35V with 50mV

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