

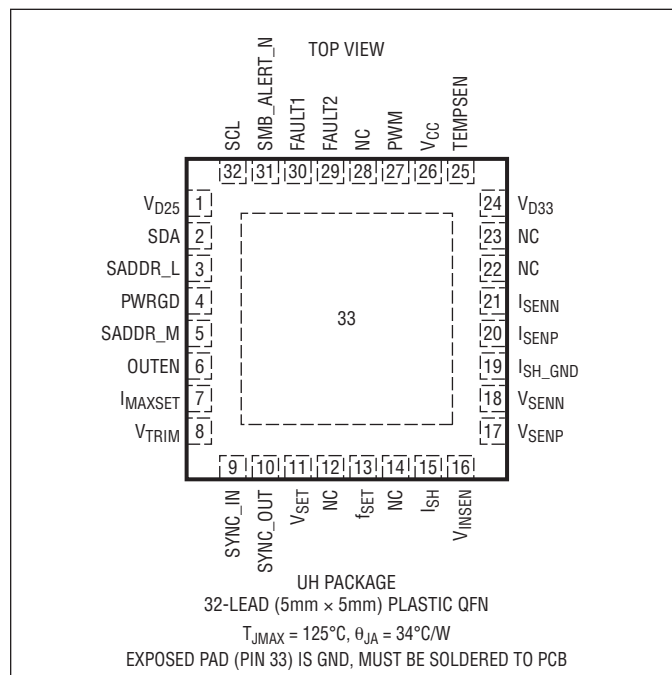
LTC7510

ABSOLUTE MAXIMUM RATINGS

(Note 1)

Supply Voltage (V_{CC})	–0.3V to 6V
$V_{SEN\bar{P}}$, $V_{SEN\bar{N}}$	–0.3V to 3V
$I_{SEN\bar{P}}$, $I_{SEN\bar{N}}$	–0.3V to V_{CC}
OUTEN, SYNC_IN, SYNC_OUT, SMBALERT_N, PWRGD, PWM, SDA, SCL, FAULT1, FAULT2, SADDR_M	–0.3V to 6V
All Other Pins	–0.3V to 4.25V
Differential Voltage	
$V_{SEN\bar{D}IFF}$ ($V_{SEN\bar{P}} - V_{SEN\bar{N}}$)	–0.3V to 2.5V
Operating Temperature Range (Note 2)	–40°C to 85°C
Junction Temperature	125°C
Storage Temperature Range	–65°C to 150°C
Write Temperature	0°C to 85°C
Read Temperature	–40°C to 85°C

PIN CONFIGURATION



ORDER INFORMATION

LEAD FREE FINISH	TAPE AND REEL	PART MARKING*	PACKAGE DESCRIPTION	TEMPERATURE RANGE
LTC7510EUH#PBF	LTC7510EUH#TRPBF	7510	32-Lead (5mm × 5mm) Plastic QFN	–40°C to 85°C
LTC7510IUH#PBF	LTC7510IUH#TRPBF	7510	32-Lead (5mm × 5mm) Plastic QFN	–40°C to 85°C

Consult LTC Marketing for parts specified with wider operating temperature ranges. *The temperature grade is identified by a label on the shipping container. Consult LTC Marketing for information on non-standard lead based finish parts.

For more information on lead free part marking, go to: <http://www.linear.com/leadfree/>

For more information on tape and reel specifications, go to: <http://www.linear.com/tapeandreel/>