

Peak Package Body Temperature (PPT)(°C)	260
Maximum Time at Peak Temperature (s)	40
Number of Reflow Cycles	3
REACH SVHC	NXP REACH Statement (/files/corporate/doc/support_info/NXP-REACH-STATEMENT.pdf)
UL94 (plastics flammability test)	V0; Burning stops within 10 seconds on a vertical specimen; no drips allowed

Manufacturing Information

Micron Size(μm)	.18
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Ordering Information

Minimum Package Quantity (MPQ)	1250
MPQ Container	BRICK
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	2500
POQ Container	BOX
Export Control Classification Number (US)	3A991A2
Harmonized Tariff (US) Disclaimer (/webapp/sps/site/harmTariffDisclaim.jsp)	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US\$) (/webapp/sps/site/bplink.jsp) Change Currency	-
Order	

Operating Characteristics

5v VREG	1
ADC	6-ch. 12-bit
Ambient Operating Temperature (Min-Max) (°C)	-40 to 125
CAN	1
Core Type	S12Z
EEPROM(KB)	2
GPIOs	19
High Current GPIOs / EVDD	1ch NGPIO (5V/25mA)
High-Voltage Input	1-ch. HM Vsup-Sense
I2C	1
Internal Flash (KB)	128
Internal RAM(KB)	8
Operating Frequency (Max) (MHz)	32
Physical Layer Interface	LIN-PHY
PWM	4-ch. 16-bit 8-ch. 16-bit
Sample Exception Availability	N
SCI	2
SPI	1

Supply Voltage (Min-Max) (V)

5.5 to 18

Timers

6+2-ch. 16-bit

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