

2nd Level Interconnect	e3
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	260
Maximum Time at Peak Temperature (s)	40
Number of Reflow Cycles	3
REACH SVHC	NXP REACH Statement
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)	1250
POQ Container	BOX
Export Control Classification Number (US)	3A991A2
Harmonized Tariff (
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency	-
Order	

Operating Characteristics

ADC	12-ch. 12-bit
ADC (bit)	12
ADC (ch)	12
Additional Features	Internal Clock Generator Low Voltage Detect POR
Ambient Operating Temperature (Min-Max) (°C)	-40 to 105
Bus Frequency (Max) (MHz)	20
Core Type	S08

EEPROM (KB)	0.256
GPIOs	28
I2C	1
Internal Flash (KB)	16
Internal RAM (KB)	2
Operating Frequency (Max) (MHz)	20
Sample Exception Availability	N
SPI	1
Supply Voltage (Min-Max) (V)	2.7 to 5.5

[Reliability Data Lookup](#)

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