

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)	.05
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Ordering Information

Minimum Package Quantity (MPQ)	180
MPQ Container	BRICK
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	360
POQ Container	BOX
Leadtime (weeks)	20
Export Control Classification Number (US)	5A002A
Harmonized Tariff (US) Disclaimer	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US\$) Change Currency	-

Order

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 Sample

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Operating Characteristics

Additional Features	MLB50 10/100
CAN	3
Core Type	ARM Cortex-A5 ARM Cortex-M0+ IOP ARM Cortex-M4
Core: Number of cores (Spec)	3
eDMA	2x 16ch
External Memory Supported	2x Dual DDR QuadSPI 16-Bit SDR DRAM (160mhz) 32-Bit DDR2 DRAM (320mhz)
I2C	2

Internal Flash (KB)	4000
Internal RAM (KB)	1300
L1 Cache	32/32 on A5
LinFlex D	3
Memory / Peripheral Protection	Yes
Operating Frequency (Max) (MHz)	320
Sample Exception Availability	Y
SPI	5
Timer/PWM	8ch PIT 3x SWT ARTC 4x 8ch Flextimer
Video/Display features	OpenVG 1.1 Segment LCD 2x 2D-ACE HUD Warping Engine Video Input Unit

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