

MKM34Z128ACLL5R :Part Detail

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GENERAL INFORMATION

Part Number	MKM34Z128ACLL5R
Description	Kinetis KM34: 50MHz Cortex-M0+ Metrology MCU, 128KB Flash, 16KB SRAM, Segment LCD, 100-LQFP, T&R
Product Line	G9FNKM31
PTI	MBNG
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT RAPID GROWTH
Status	Active
Application/Qualification Tier	10-YEARS APPLICATION LIFE

PACKAGE INFORMATION

Package Type and Termination Count	LQFP 100
Package Description and Mechanical Drawing	LQFP 100 14SQ1.4P0.5 C90
Device Weight(g)	0.68520
Package Length (nominal)(mm)	14.000
Package Width (nominal)(mm)	14.000
Package Thickness (nominal)(mm)	1.700
Maximum Height Above Board(mm)	1.700
Tape & Reel	Yes

ENVIRONMENTAL AND COMPLIANCE INFORMATION

Pb-Free	
RoHS Compliant	
Halogen Free	Yes
Material Composition Declaration (MCD)	Download MCD Report Download MCD Report
RoHS Certificate of Analysis (CoA)	Download RoHS CoA Report
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)	.09
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ORDERING INFORMATION

Minimum Package Quantity (MPQ)	1000
MPQ Container	REEL
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	1000
POQ Container	BOX
Leadtime (weeks)	10
Export Control Classification Number (US)	3A991A2
Harmonized Tariff (	
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency	-

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OPERATING CHARACTERISTICS

Sample Exception Availability	N
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