

MKW40Z160VHT4 Information	
General Information Package Information Environmental and Compliance Information Manufacturing Information Ordering Information Operating Characteristics	
General Information	
Parameter	Value
Part Number	MKW40Z160VHT4
Description	Kinetis W 32-bit MCU, ARM Cortex-M0+ core, 160 KB Flash, 48 MHz, BLE and 802.15.4, LGA 48
Product Line	G9WDKW41
PTI	MJNJ
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT NEWLY INTRO D/RAMP-UP
Status	Active
Application/Qualification Tier	10-YEARS APPLICATION LIFE
Package Information	
Parameter	Value
Package Type and Termination Count	LGA 64
Package Description and Mechanical Drawing	MAPLGA 64 7*7*0.98 P0.5
Device Weight(g)	.08950
Package Length (nominal)(mm)	7.000
Package Width (nominal)(mm)	7.000
Package Thickness (nominal)(mm)	.910
Tape & Reel	No
Environmental and Compliance Information	
Parameter	Value
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	Contact Us
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	Freescale REACH Statement
UL94 (plastics flammability test)	V0: Burning stops within 10 seconds on a vertical specimen; no drips allowed
Manufacturing Information	
Parameter	Value
Micron Size(?m)	.09
Ordering Information	
Parameter	Value
Minimum Package Quantity (MPQ)	260
MPQ Container	TRAY
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	1300
POQ Container	BRICK
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	10000 @ US\$3.25 each
Order	
Operating Characteristics	
Parameter	Value
Sample Exception Availability	N