

SC416053MEH16 Information

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General Information

Parameter	Value
Part Number	SC416053MEH16
Description	CAOP-ENGINE CONTROLLER
Product Line	GCF68331
PTI	MBKB
Material Type	Tested Packaged Device
Life Cycle Description (code)	NOT RECOMMENDED(DECLINING)
Status	Not Recommended for New Design
Application/Qualification Tier	AUTO; >=10 YEARS APPLICATION LIFE

Package Information

Parameter	Value
Package Type and Termination Count	PQFP 132
Package Description and Mechanical Drawing	PQFP 132 0.950*.950P.025
Device Weight(g)	4.72450
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	25.400
Package Width (nominal)(mm)	25.400
Package Thickness (nominal)(mm)	4.310
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	e3
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	245
Maximum Time at Peak Temperature (s)	30
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

Parameter	Value
Micron Size(μm)	.65

Ordering Information

Parameter	Value
Minimum Package Quantity (MPQ)	180
MPQ Container	BRICK
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	360
POQ Container	BOX
Leadtime (weeks)	14
Export Control Classification Number (US)	EAR99
Harmonized Tariff (US) Disclaimer	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US\$) Change Currency	-
Order	

Operating Characteristics

Parameter	Value
Sample Exception Availability	N

Reliability Data Lookup