S908AZ60AE2MFUE :Part Detail

General Information | Package Information | Environmental and Compliance Information | Manufacturing Information | Ordering Information

Operating Characteristics | Reliability Data Lookup

General Information

Part Number	S908AZ60AE2MFUE
Description	8-bit MCU, HC08 core, 8MHz, 60KB Flash, -40/+125degC, Automotive Qualified, QFP 64
Product Line	G9G9AZ6K
PTI	JDBD
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

Package Type and Termination Count	QFP 64
Package Description and Mechanical Drawing	QFP 64 14*14*2.2P0.8
Device Weight(g)	0.91160
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	14.000
Package Width (nominal)(mm)	14.000
Package Thickness (nominal)(mm)	2.450
Tape & Reel	No

Environmental and Compliance Information

Pb-Free	(Pb)
RoHS Compliant	✓RoHS
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)	.5

Ordering Information

Minimum Package Quantity (MPQ)	420
MPQ Container	BRICK
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	420
POQ Container	BRICK
Leadtime (weeks)	20
Export Control Classification Number (US)	EAR99
Harmonized Tariff (	
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency	1 @ US each
Order	

Operating Characteristics

Sample Exception Availability	N

Reliability Data Lookup

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