

S9S08RNA8W2CLF Information	
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General Information	
Parameter	Value
Part Number	S9S08RNA8W2CLF
Description	8-bit MCU, S08 core, 8KB Flash, 20MHz, -40/+85degC, Automotive Qualified, QFP 48
Product Line	G9FZRN1B
PTI	JDUA
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT RAPID GROWTH
Status	Active
Application/Qualification Tier	AUTO; >=10 YEARS APPLICATION LIFE
Package Information	
Parameter	Value
Package Type and Termination Count	LQFP 48
Package Description and Mechanical Drawing	LQFP 48 7*7*1.4P0.5
Device Weight(g)	.17825
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	7.000
Package Width (nominal)(mm)	7.000
Package Thickness (nominal)(mm)	1.400
Maximum Height Above Board(mm)	1.600
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)	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)	.18
Ordering Information	
Parameter	Value
Minimum Package Quantity (MPQ)	1250
MPQ Container	BRICK
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	2500
POQ Container	BOX
Leadtime (weeks)	12
Export Control Classification Number (US)	3A991A2
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
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