

MC9S08PA4AVTG :Part Detail

[Product Summary Page](#)

[General Information](#)

[Package Information](#)

[Environmental and Compliance Information](#)

[Manufacturing Information](#)

[Ordering Information](#)

[Operating Characteristics](#)

[Reliability Data Lookup](#)

GENERAL INFORMATION

Part Number	MC9S08PA4AVTG
Description	S08PA 8-bit MCU, S08 core, 4KB Flash, SOP 16
Product Line	G9TZPA41
PTI	MDTK
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	TSSOP 16
Package Description and Mechanical Drawing	TSSOP 16 4.4*5*1.0P0.65
Device Weight(g)	0.06220
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	4.400
Package Width (nominal)(mm)	5.000
Package Thickness (nominal)(mm)	1.200
Tape & Reel	No

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)	.18
-----------------	-----

ORDERING INFORMATION

Minimum Package Quantity (MPQ)	96
MPQ Container	RAIL
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	2880
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	-
Order	

OPERATING CHARACTERISTICS

ADC	8-ch. 12-bit
ADC (bit)	12
ADC (ch)	8
Additional Features	Low Voltage Detect
Ambient Operating Temperature (Min-Max) (°C)	-40 to 105
Bus Frequency (Max) (MHz)	20
Core Type	S08
EEPROM (KB)	0.128
GPIOs	14

Internal Flash (KB)	4
Internal RAM (KB)	0.512
Operating Frequency (Max) (MHz)	20
Sample Exception Availability	N
Supply Voltage (Min-Max) (V)	2.7 to 5.5

[Reliability Data Lookup](#)

ABOUT NXP

[Investors](#)

[Partners](#)

[Careers](#)

RESOURCES

[Mobile Apps](#)

[Press, News, Blogs](#)

[Contact Us](#)

FOLLOW US



NEWS



[NXP News](#)

[Read More](#)