

MCHC908AP64CFB Information

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General Information

Parameter	Value
Part Number	MCHC908AP64CFB
Description	MCU,64K FLASH,10 BIT ADC
PTI	JDNS
Material Type	Tested Packaged Device
Life Cycle Description (code)	REMOVED FROM ACTIVE PORTFOLIO
Status	Migration Complete. No Longer Manufactured. View PCN and Replacement Part
Application/Qualification Tier	10-YEARS APPLICATION LIFE

Package Information

Parameter	Value
Package Description and Mechanical Drawing	QFP 44 10*10*2.0P0.8
Device Weight(g)	.47165
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	10.000
Package Width (nominal)(mm)	10.000
Package Thickness (nominal)(mm)	2.450
Tape & Reel	No

Environmental and Compliance Information

Parameter	Value
Pb-Free	No
RoHS Compliant	No
Material Composition Declaration (MCD)	Download MCD Report  Download MCD Report 
RoHS Certificate of Analysis (CoA)	Contact Us
Moisture Sensitivity Level (MSL)	1
Floor Life	UNLIMITED
Peak Package Body Temperature (PPT)(°C)	220
Maximum Time at Peak Temperature (s)	30
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

Replacement Parts information for MCHC908AP64CFB

Replacement Part	Replacement Type	Replacement Reason	Status	Device Sample Availability	Device Production Availability	Further Replacements	Replacement Part Details
MC908AP64CFBE	-	REGULATORY OR LEGAL CHANGE	Not Recommended for New Design	23 Dec 2004	23 Dec 2004	-	

Manufacturing Information

Parameter	Value
Micron Size(?m)	.25

Ordering Information

Parameter	Value
Last Order Date	30 Jun 2006
Last Ship Date	30 Dec 2006
Exempt from Minimum Delivery Value	Yes
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	

Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
12504	Product Bulletin	TSPG MCD8 908AP64 TEST TRANSFER	06 Feb 2007	07 Feb 2007
11713	Device Migration	TSPG MCD ROHS COMPLIANT NON-EXEMPT - 2	09 Jan 2006	09 Jan 2006
11462	Product Bulletin	TSPG MCD ROHS COMPLIANT DEVICE MIGRATION	14 Oct 2005	15 Oct 2005
11431	Product Bulletin	TSPG MCD ROHS COMPLIANT DEVICE MIGRATION	04 Oct 2005	05 Oct 2005
11004	Product Bulletin	TSPG MCD PACKAGES NOT CONVERTING TO EPP	23 Jun 2005	24 Jun 2005
10526	Product Change Notice	SPECIFICATION CHANGE OF HC908AP64-2L47P	04 Feb 2005	05 May 2005
9968	Product Bulletin	TSPG 8/16 BIT HC908APXX VOLT REG	11 Jun 2004	12 Jun 2004
9964	Product Bulletin	AMBIENT TEST ELIMINATION FOR 908APXX	11 Jun 2004	12 Jun 2004

Operating Characteristics

Parameter	Value
Additional Features	Low Voltage Detect
Ambient Operating Temperature (Min-Max) (°C)	-40 to 85
Bus Frequency (Max) (MHz)	8
Device Production Availability	23 Dec 2004
Device Sample Availability	23 Dec 2004
GPIOs	32
Internal Flash (KB)	62
Internal RAM (KB)	2
Sample Exception Availability	N
Serial Interface - Number of Serial Interfaces	2 1 1
Serial Interface - Serial Interface Type	SCI SPI I2C
Timer Features	Watchdog Realtime Interrupts
Timers - Number of Timers	2
Timers - Timer Channels	2
Timers - Timer Size (bit)	16

[Reliability Data Lookup](#)