

XC68LC302CPU20B Information

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General Information

Parameter	Value
Part Number	XC68LC302CPU20B
Description	68LC302 TQFP,5.0V-20MHZ
PTI	NBAD
Material Type	Tested Packaged Device
Life Cycle Description (code)	REMOVED FROM ACTIVE PORTFOLIO
Status	No Longer Manufactured

Package Information

Parameter	Value
Package Description and Mechanical Drawing	LQFP 100 14*14*1.4P0.5
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	14.000
Package Width (nominal)(mm)	14.000
Package Thickness (nominal)(mm)	1.700
Maximum Height Above Board(mm)	1.700
Tape & Reel	No

Environmental and Compliance Information

Parameter	Value
Pb-Free	Not Available
RoHS Compliant	Not Available
Material Composition Declaration (MCD)	Contact Us
RoHS Certificate of Analysis (CoA)	Contact Us
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	220
Maximum Time at Peak Temperature (s)	30
Number of Reflow Cycles	3
REACH SVHC	Freescale REACH Statement

Replacement Parts information for XC68LC302CPU20B

Replacement Part	Replacement Type	Replacement Reason	Status	Device Sample Availability	Device Production Availability	Further Replacements	Replacement Part Details
MC68LC302CAF20CT	Same Form, Fit & Function, Pin-for-Pin Equivalent	MASK SET REVISION (SAME FABRICATION SITE)	Not Recommended for New Design	19 May 2005	19 May 2005	-	

Ordering Information

Parameter	Value
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	Distributor

Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
12883	Product Change Notice	KLM PROBE/BACKGRIND EXPANSION	21 Sep 2007	20 Dec 2007
10569	Product Bulletin	SPECIFICATION CHANGE FOR MC68302 FAMILY	23 Dec 2004	24 Dec 2004
9048	Product Bulletin	TIC SUPPORT FOR QUALITY QUERIES IN EMEA	04 Aug 2003	05 Aug 2003
5792	Product Change Notice	MC68LC302 ADDITIONAL FAB SITE	01 Aug 2000	07 Aug 2000
5013	Product Change Notice	MC QUALIFICATION OF 68LC302 REV C	09 Sep 1999	18 Dec 1999
4735	Product Change Notice	LQFP SHIPPING TRAY STANDARDIZATION	28 Jun 1999	06 Oct 1999
4408	Product Bulletin	REMOVE CARDBOARD FOR VACUUM SEALED PRODUCTS	21 Apr 1999	21 Apr 1999
4061	Product Change Notice	MOS11 OPTIMIZED METALLIZATION ON 0.3UM - 0.57UM TECHNOLOGY	23 Oct 1998	01 Feb 1999
2612	Product Change Notice	CMP AND PLUG PROCESS FOR MOS 11 0.65U MATERIAL	20 Mar 1997	29 Jun 1997

Operating Characteristics

Parameter	Value
Device Production Availability	19 May 2005
Device Sample Availability	19 May 2005
Sample Exception Availability	N