

P1023SSE5CFB Information

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General Information

Parameter	Value
Part Number	P1023SSE5CFB
Description	P1023 480/320/667 SP ST WE PBFR
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT STABLE GROWTH/MATURITY
Status	Active
Application/Qualification Tier	10-YEARS APPLICATION LIFE

Package Information

Parameter	Value
Package Type and Termination Count	TEPBGA 457
Package Description and Mechanical Drawing	TEPBGA 457 19SQ 1.9 0.8
Device Weight(g)	0.99750
Package Length (nominal)(mm)	19.000
Package Width (nominal)(mm)	19.000
Package Thickness (nominal)(mm)	1.900
Maximum Height Above Board(mm)	1.900
Tape & Reel	No
Footprint (land pattern)	PDF Cadence Allegro(dra)
Capture Symbol	PDF Orcad Capture 16.3(olb)

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	e2
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

Parameter	Value
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Micron Size(μm) .04

Ordering Information

Parameter	Value
Minimum Package Quantity (MPQ)	420
MPQ Container	BRICK
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	420
POQ Container	BOX
Leadtime (weeks)	12
Export Control Classification Number (US)	5A002A
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
15705	Product Change Notice	P10XX KLM Assembly PdCu Wire Migration	12 Jun 2013	10 Sep 2013

Operating Characteristics

Parameter	Value
Sample Exception Availability	N

[Reliability Data Lookup](#)