

MC32PF3000A8EPR2 :Part Detail

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General Information

Part Number	MC32PF3000A8EPR2
Description	Power Management IC, i.MX7, pre-prog, 4 buck, 6 LDO, 1 boost, QFN 48, Reel
Product Line	G32PF300
PTI	ANPG
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT NEWLY INTRO D/RAMP-UP
Status	Active
Application/Qualification Tier	5-YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	QFN-EP 48
Package Description and Mechanical Drawing	QFN-EP 48 7*7*0.85 P0.5
Device Weight(g)	0.13950
Package Length (nominal)(mm)	7.000
Package Width (nominal)(mm)	7.000
Package Thickness (nominal)(mm)	0.850
Tape & Reel	Yes

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)	Contact Us
2nd Level Interconnect	e3
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PBT)(°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)	.13
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Ordering Information

Minimum Package Quantity (MPQ)	4000
MPQ Container	REEL
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	4000
POQ Container	BOX
Leadtime (weeks)	12
Export Control Classification Number (US)	EAR99
Harmonized Tariff (US) Disclaimer	8542.39.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US\$) Change Currency	-

Order

Operating Characteristics

Ambient Operating Temperature (Min-Max) (°C)	-40 to 85
MCU Supported	i.MX7S i.MX7D
Sample Exception Availability	N

Reliability Data Lookup

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