

SMPF0100SLAZESR2 :Part Detail

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General Information

Part Number	SMPF0100SLAZESR2
Description	Power Management IC, i.MX6, pre-prog ,4/6 buck, 6 LDO, 1 boost, QFN 56, Reel
Product Line	GCF0100
PTI	ANPG
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT STABLE GROWTH/MATURITY
Status	Active
Application/Qualification Tier	AUTO; >=10 YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	QFN-EP 56
Package Description and Mechanical Drawing	QFN-EP 56 8*8*0.9 P.5 WF
Device Weight(g)	0.19140
Package Length (nominal)(mm)	8.000
Package Width (nominal)(mm)	8.000
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	No
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

Sample Exception Availability	N
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