

SC109959FNER :Part Detail

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General Information

Part Number	SC109959FNER
Description	COMMERCIAL SMOKE DETECTOR
Product Line	GCQ5B6
PTI	MDAB
Material Type	Tested Packaged Device
Life Cycle Description (code)	NOT RECOMMENDED(DECLINING)
Status	Not Recommended for New Design
Application/Qualification Tier	10-YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	PLCC 52
Package Description and Mechanical Drawing	PLCC 52
Device Weight(g)	2.96255
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	19.120
Package Width (nominal)(mm)	19.120
Package Thickness (nominal)(mm)	4.380
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 (PPT)(°C)	250
Maximum Time at Peak Temperature (s)	30
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)	1.2
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Ordering Information

Minimum Package Quantity (MPQ)	450
MPQ Container	REEL
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	450
POQ Container	REEL
Export Control Classification Number (US)	EAR99
Harmonized Tariff (
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency)	-

Order

Operating Characteristics

Sample Exception Availability	N
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