

SC516754CDWER :Part Detail

- [General Information](#) | [Package Information](#) | [Environmental and Compliance Information](#) | [Manufacturing Information](#) | [Ordering Information](#) | [Operating Characteristics](#) | [Reliability Data Lookup](#)

General Information

Part Number	SC516754CDWER
Description	HEAT DETECTOR
Product Line	GSD8QY4
PTI	MDBQ
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	SOIC 16
Package Description and Mechanical Drawing	SOIC 16W
Device Weight(g)	0.42420
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	7.500
Package Width (nominal)(mm)	10.300
Package Thickness (nominal)(mm)	2.650
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)	Download RoHS CoA Report
2nd Level Interconnect	e3
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

Micron Size(μm)	.5
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Ordering Information

Minimum Package Quantity (MPQ)	1000
MPQ Container	REEL
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	1000
POQ Container	BOX
Export Control Classification Number (US)	3A991A2
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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[Reliability Data Lookup](#)

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