



**THE DATASHEET OF
MWCT1003AVLH**



MWCT1003AVLH Information

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General Information



Parameter	Value
Part Number	MWCT1003AVLH
Description	5W, Multi-Coil Auto, 5V, Premium, QFP 64
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT RAPID GROWTH
Status	Active
Application/Qualification Tier	COMMERCIAL, INDUSTRIAL

Package Information

Parameter	Value
Package Type and Termination Count	QFP 64
Package Description and Mechanical Drawing	LQFP 64 10*10*1.4P0.5
Device Weight(g)	.34655
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	10.000
Package Width (nominal)(mm)	10.000
Package Thickness (nominal)(mm)	1.400
Maximum Height Above Board(mm)	1.600
Tape & Reel	No

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	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	Freescale REACH Statement
UL94 (plastics flammability test)	V0: Burning stops within 10 seconds on a vertical specimen; no drips allowed

Manufacturing Information

Parameter	Value
Micron Size(µm)	.09

Ordering Information

Parameter	Value
Minimum Package Quantity (MPQ)	160
MPQ Container	TRAY
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	1600
POQ Container	BOX
Leadtime (weeks)	14
Export Control Classification Number (US)	3A991
Harmonized Tariff (US) Disclaimer	8542.31.0000
Budgetary Price excluding tax(US\$) Change Currency	

Order

Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date

15959	Product Change Notice	MC56F844xx,MC56F847xx, MC56F8455x,MC56F8458x NEW MASKSET 2N27E FOR DESIGN FIX	11 Apr 2014	10 Jul 2014
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Operating Characteristics

Parameter	Value
Sample Exception Availability	Y

Looking for pricing, stock, or lifecycle information?

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 [NXP / Nexperia Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
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