

MC33MR2001V2VK :Part Detail

[General Information](#)
[Package Information](#)
[Environmental and Compliance Information](#)
[Manufacturing Information](#)
[Ordering Information](#)
[Operating Characteristics](#)

General Information

Part Number	MC33MR2001V2VK
Description	Voltage Controlled Oscillator (VCO), 77 GHz Radar, RCPBGA 90, Tray
Product Line	GVO20101
PTI	ANRD
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT RAPID GROWTH
Status	Active
Application/Qualification Tier	AUTO; >=10 YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	RCP 90
Package Description and Mechanical Drawing	RCPBGA 90 6*6*0.95 P0.5
Device Weight(g)	0.09410
Package Length (nominal)(mm)	6.000
Package Width (nominal)(mm)	6.000
Package Thickness (nominal)(mm)	1.020
Tape & Reel	No

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
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)	.16
-----------------	-----

Ordering Information

Minimum Package Quantity (MPQ)	490
MPQ Container	TRAY
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	2450
POQ Container	BOX
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
-------------------------------	---

ABOUT NXP

[Investors](#)
[Partners](#)
[Careers](#)

RESOURCES

[Mobile Apps](#)
[Press, News, Blogs](#)
[Contact Us](#)

FOLLOW US



News 19 Apr 2017



NXP Semiconductors Divests Stake in Advanced Semiconductor Manufacturing Corporation Ltd.

[Read More](#)