

# MRF24300GNR3 :Part Detail

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## General Information

Part Number	MRF24300GNR3
Description	RF POWER LDMOS TRANSISTOR, 2450 MHz, 300 W, 32 V
Product Line	GP10E3GV
PTI	RGMT
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT RAPID GROWTH
Status	Active
Application/Qualification Tier	10-YEARS APPLICATION LIFE

## Package Information

Package Type and Termination Count	High Pwr RF SMT 3
Package Description and Mechanical Drawing	OM780-2 GULL
Device Weight(g)	3.08110
Package Length (nominal)(mm)	20.570
Package Width (nominal)(mm)	9.780
Package Thickness (nominal)(mm)	3.810
Tape & Reel	Yes

## Environmental and Compliance Information

Pb-Free	
RoHS Compliant	
Halogen Free	Yes
Material Composition Declaration (MCD)	<a href="#">Download MCD Report</a> <a href="#">Download MCD Report</a>
RoHS Certificate of Analysis (CoA)	<a href="#">Download RoHS CoA Report</a>
2nd Level Interconnect	e3
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature	260

(PPT)(°C)

Maximum Time at Peak Temperature (s)	40
Number of Reflow Cycles	3
REACH SVHC	<a href="#">NXP REACH Statement</a>
UL94 (plastics flammability test)	V0;Burning stops within 10 seconds on a vertical specimen;no drips allowed

Manufacturing Information

Micron Size(μm)	6
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Ordering Information

Minimum Package Quantity (MPQ)	250
MPQ Container	REEL
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	250
POQ Container	REEL
Export Control Classification Number (US)	EAR99
Harmonized Tariff (	
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
<a href="#">Budgetary Price excluding tax(US Currency</a>	-

Order

Operating Characteristics

Sample Exception Availability	N
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