

AFIC31025NR1 :Part Detail

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General Information

Part Number	AFIC31025NR1
Description	Airfast RF Power LDMOS Transistor, 2300-2690 MHz, 2.5 W Avg., 28 V
Product Line	GM25D25N
PTI	RGDS
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT STABLE GROWTH/MATURITY
Status	Active
Application/Qualification Tier	10-YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	High Pwr RF SMT 18
Package Description and Mechanical Drawing	TO-270 WB-17
Device Weight(g)	1.58020
Package Length (nominal)(mm)	17.530
Package Width (nominal)(mm)	9.020
Package Thickness (nominal)(mm)	2.590
Tape & Reel	Yes

Environmental and Compliance Information

Pb-Free	No
RoHS Compliant	RoHS
RoHS technical exemption(s)	7a
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)	.25
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Ordering Information

Minimum Package Quantity (MPQ)	500
MPQ Container	REEL
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	500
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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