



IRF6678TR1

Manufacturer Part Number:	IRF6678TR1
Manufacturer / Brand	International Rectifier (Infineon Technologies)
Part of Description:	MOSFET N-CH 30V 30A DIRECTFET
Datasheets:	IRF6678TR1.pdf
Lead Free Status / RoHS Status:	Contains lead / RoHS non-compliant
Stock Condition:	New original, 6000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of IRF6678TR1

Part Number	IRF6678TR1	Manufacturer / Brand	International Rectifier (Infineon Technologies)
Series	HEXFET®	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Package / Case	DirectFET™ Isometric MX	Packaging	Cut Tape (CT)
Mounting Type	Surface Mount	Supplier Device Package	DIRECTFET™ MX
Operating Temperature	-40°C ~ 150°C (TJ)	Detailed Description	N-Channel 30V 30A (Ta), 150A (Tc) 2.8W (Ta), 89W (Tc) Surface Mount DIRECTFET™ MX
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	2.8W (Ta), 89W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	30A (Ta), 150A (Tc)
Rds On (Max) @ Id, Vgs	2.2 mOhm @ 30A, 10V	Vgs(th) (Max) @ Id	2.25V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	65nC @ 4.5V	Input Capacitance (Ciss) (Max) @ Vds	5640pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	IRF6678TR1CT	Stock Quantity	6000 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 30V 30A DIRECTFET
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant		

Keywords related to IRF6678TR1

International Rectifier (Infineon Technologies)	IRF6678TR1 part	IRF6678TR1 Price	IRF6678TR1 Distributor
IRF6678TR1	IRF6678TR1 Technical	IRF6678TR1 Stock	IRF6678TR1 Inventory
IRF6678TR1 Supplier	IRF6678TR1 Online Order	IRF6678TR1 Inquiry	IRF6678TR1 Image
IRF6678TR1 Picture	IRF6678TR1 pdf	IRF6678TR1 datasheet	IRF6678TR1 data sheet
IRF6678TR1 pdf datasheet	Download IRF6678TR1 datasheet	International Rectifier (Infineon Technologies)	International Rectifier (Infineon Technologies)
		Manufacturer	IRF6678TR1
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		IRF6678TR1	

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