








	<p>IPD50R280CEBTMA1</p>
	<p>Manufacturer Part Number: IPD50R280CEBTMA1</p> <p>Manufacturer/Brand: International Rectifier (Infineon Technologies)</p> <p>Part of Description: MOSFET N-CH 500V 13A PG-TO252</p> <p>Datasheets: 1.IPD50R280CEBTMA1.pdf 2.IPD50R280CEBTMA1.pdf</p> <p>RoHs Status:  Lead free / RoHS</p> <p>Stock Condition: ^{Compliant} New original, Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	IPD50R280CEBTMA1
Manufacturer	International Rectifier (Infineon Technologies)
Description	MOSFET N-CH 500V 13A PG-TO252
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	3.5V @ 350µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PG-TO252-3
Series	CoolMOS™
Rds On (Max) @ Id, Vgs	280 mOhm @ 4.2A, 13V
Power Dissipation (Max)	92W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Other Names	IPD50R280CE
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	773pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	32.6nC @ 10V
FET Type	N-Channel
FET Feature	Super Junction
Drive Voltage (Max Rds On, Min Rds On)	13V
Drain to Source Voltage (Vdss)	500V
Detailed Description	N-Channel 500V 13A (Tc) 92W (Tc) Surface Mount PG-
Current - Continuous Drain (Id) @ 25°C	13A (Tc)

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