

IPT60R050G7XTMA1

IPT60R050G7XTMA1 Information

Heisener.com	 IPT60R050G7XTMA1 Infineon Technologies Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single MOSFET N-CH 650V 44A HSOF-8 8-PowerSFN For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



IPT60R050G7XTMA1 Specifications

Manufacturer Part Number	IPT60R050G7XTMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerSFN
Series	CoolMOS? G7
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	44A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 800µA
Gate Charge (Qg) (Max) @ Vgs	68nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2670pF @ 400V
Vgs (Max)	$\pm 20 \mathrm{V}$
FET Feature	-
Power Dissipation (Max)	245W (Tc)
Rds On (Max) @ Id, Vgs	50 mOhm @ 15.9A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-HSOF-8
Package / Case	8-PowerSFN
	Report errors?

IPT60R050G7XTMA1 Guarantees



Quality Guarantees

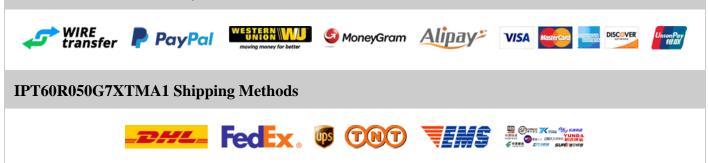
We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

IPT60R050G7XTMA1 Payment Methods



If you have any question about IPT60R050G7XTMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com