

IPB180N08S402ATMA1

IPB180N08S402ATMA1 Information



Part Number	IPB180N08S402ATMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH TO263-7
Package	TO-263-7, D2Pak (6 Leads + Tab)
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

For Reference Only

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.



IPB180N08S402ATMA1 Specifications

Manufacturer Part Number	IPB180N08S402ATMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-263-7, D2Pak (6 Leads + Tab)
Series	Automotive, AEC-Q101, OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	80V
Current - Continuous Drain (Id) @ 25°C	180A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 220µA
Gate Charge (Qg) (Max) @ Vgs	167nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	11550pF @ 25V
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	277W (Tc)
Rds On (Max) @ Id, Vgs	2.2 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-TO263-7-3
Package / Case	TO-263-7, D2Pak (6 Leads + Tab)
	Report errors?

IPB180N08S402ATMA1 Guarantees



Quality Guarantees

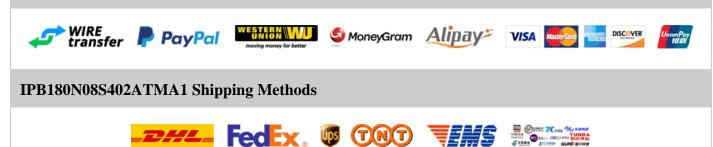
We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

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

IPB180N08S402ATMA1 Payment Methods



If you have any question about IPB180N08S402ATMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com