IRF3805L-7PPBF

IRF3805L-7PPBF Information

For Reference Only

Part Number IRF3805L-7PPBF
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 55V 160A TO-263-7
Package TO-263-7, D2Pak (6 Leads + Tab), TO-263CB

For the pricing/inventory/lead time, please contact 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.

IRF3805L-7PPBF Specifications

Manufacturer Part Number	IRF3805L-7PPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	55V
Current - Continuous Drain (Id) @ 25°C	160A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	200nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	7820pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	300W (Tc)
Rds On (Max) @ Id, Vgs	2.6 mOhm @ 140A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D2PAK (7-Lead)
Package / Case	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB
	Report errors?

IRF3805L-7PPBF 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.

IRF3805L-7PPBF Payment Methods

IRF3805L-7PPBF Shipping Methods

If you have any question about IRF3805L-7PPBF, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com