

IRF5805

IRF5805 Information



Part Number	IRF5805	
Manufacturer	Infineon Technologies	
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single	
Description	MOSFET P-CH 30V 3.8A 6-TSOP	
Package	SOT-23-6 Thin, TSOT-23-6	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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For Reference Only

Certified Quality

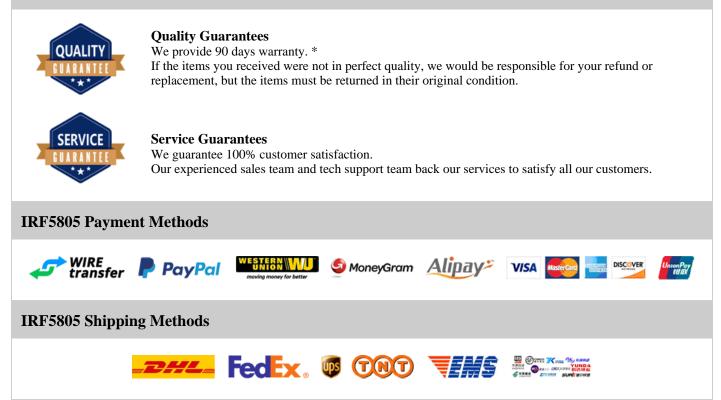
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



IRF5805 Specifications

Manufacturer Part Number	IRF5805
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	SOT-23-6 Thin, TSOT-23-6
Series	HEXFET?
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	3.8A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	17nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	511pF @ 25V
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	2W (Ta)
Rds On (Max) @ Id, Vgs	98 mOhm @ 3.8A, 10V
Operating Temperature	-
Mounting Type	Surface Mount
Supplier Device Package	Micro6?(TSOP-6)
Package / Case	SOT-23-6 Thin, TSOT-23-6
	Report errors?

IRF5805 Guarantees



If you have any question about IRF5805, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com