

IRL640S

IRL640S Information



For Reference Only

art Number	IRL640S
lanufacturer	Vishay Siliconix
ategory	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
escription	MOSFET N-CH 200V 17A D2PAK
ackage	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com

Certified Quality

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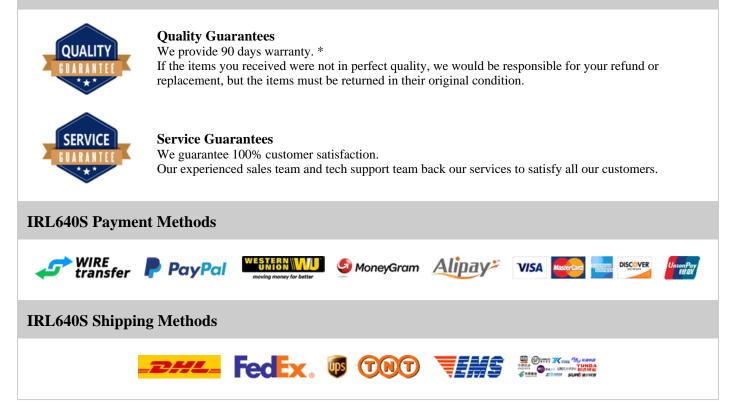


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IRL640S Specifications

Manufacturer Part Number	IRL640S	
Manufacturer	Vishay Siliconix	
Category	Discrete Semiconductor Products	
	Transistors - FETs, MOSFETs - Single	
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
Series	-	
FET Type	N-Channel	
Technology	MOSFET (Metal Oxide)	
Drain to Source Voltage (Vdss)	200V	
Current - Continuous Drain (Id) @ 25°C	17A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	4V, 5V	
Vgs(th) (Max) @ Id	2V @ 250µA	
Gate Charge (Qg) (Max) @ Vgs	66nC @ 5V	
Input Capacitance (Ciss) (Max) @ Vds	1800pF @ 25V	
Vgs (Max)	±10V	
FET Feature	-	
Power Dissipation (Max)	3.1W (Ta), 125W (Tc)	
Rds On (Max) @ Id, Vgs	180 mOhm @ 10A, 5V	
Operating Temperature	-55°C ~ 150°C (TJ)	
Mounting Type	Surface Mount	
Supplier Device Package	D2PAK	
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
		Report errors?

IRL640S Guarantees



If you have any question about IRL640S, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com