

# IRF640S

### **IRF640S Information**

	Part Number	IRF640S
	Manufacturer	Vishay Siliconix
www.hersener.com	Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
	Description	MOSFET N-CH 200V 18A D2PAK
	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
		For the pricing/inventory/lead time, please contact us
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

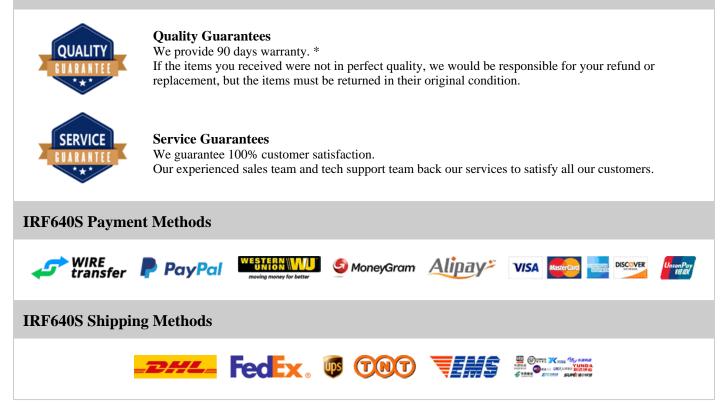
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## **IRF640S Specifications**

Manufacturer Part Number	IRF640S	
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	18A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	10V	
Vgs(th) (Max) @ Id	4V @ 250µA	
Gate Charge (Qg) (Max) @ Vgs	70nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds	1300pF @ 25V	
Vgs (Max)	±20V	
FET Feature	-	
Power Dissipation (Max)	3.1W (Ta), 130W (Tc)	
Rds On (Max) @ Id, Vgs	180 mOhm @ 11A, 10V	
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?

#### **IRF640S Guarantees**



If you have any question about IRF640S, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com