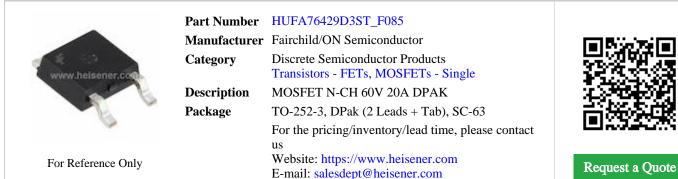


# HUFA76429D3ST\_F085

#### HUFA76429D3ST\_F085 Information



### **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.



# HUFA76429D3ST\_F085 Specifications

Manufacturer Part Number	HUFA76429D3ST_F085
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	UltraFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	20A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	46nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1480pF @ 25V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	110W (Tc)
Rds On (Max) @ Id, Vgs	23 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TO-252AA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

#### HUFA76429D3ST\_F085 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.

DISCOVER

### HUFA76429D3ST\_F085 Payment Methods



## HUFA76429D3ST\_F085 Shipping Methods



If you have any question about HUFA76429D3ST\_F085, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com