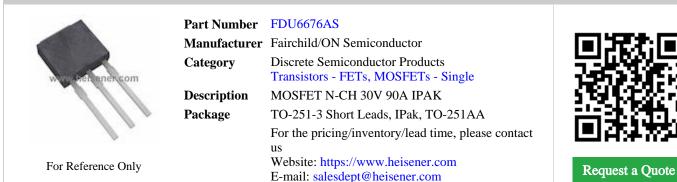


# FDU6676AS

## **FDU6676AS 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.



# **FDU6676AS Specifications**

Manufacturer Part Number	FDU6676AS
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	90A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	64nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2470pF @ 15V
Vgs (Max)	$\pm 20\mathrm{V}$
FET Feature	-
Power Dissipation (Max)	70W (Ta)
Rds On (Max) @ Id, Vgs	5.8 mOhm @ 16A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	IPAK (TO-251)
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
	Report errors?

#### **FDU6676AS 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# FDU6676AS Payment Methods



# **FDU6676AS Shipping Methods**



If you have any question about FDU6676AS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com