

Specifications

Part Number	FDS6680AS
Manufacturer	Fairchild/ON Semiconductor
Description	MOSFET N-CH 30V 11.5A 8SOIC
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	1427 pcs Stock
Vgs(th) (Max) @ Id	3V @ 1mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	8-SO
Series	PowerTrench®, SyncFET™
Rds On (Max) @ Id, Vgs	10 mOhm @ 11.5A, 10V
Power Dissipation (Max)	2.5W (Ta)
Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1240pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	30nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	11.5A (Ta)

In:

ON Semiconductor

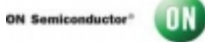
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FDS6680AS Fairchild/ON Semiconductor	FDS6680AS Data Sheet	FDS6680AS Datasheets	FDS6680AS PDF	Fairchild/ON Semiconductor FDS6680AS
FDS6680AS Electronic	FDS6680AS Components	FDS6680AS Distributor	FDS6680AS Image	FDS6680AS Part
FDS6680AS Price	FDS6680AS Manufacturer	FDS6680AS Picture	FDS6680AS Stock	FDS6680AS Inventory
FDS6680AS New	FDS6680AS Original	FDS6680AS Warranted	FDS6680AS RFQ	FDS6680AS Order Online