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### Specifications

Part Number	<a href="#">STS8N6LF6AG</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 60V 8A 8SO
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	2.5V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	8-SO
Series	Automotive, AEC-Q101, STripFET™ F6
Rds On (Max) @ Id, Vgs	24 mOhm @ 4A, 10V
Power Dissipation (Max)	3.2W (Ta)
Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1340pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	27nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	8A (Ta)

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