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### Specifications

Part Number	<a href="#">STN3NF06</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	MOSFET N-CH 60V 4A SOT-223
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	78355 pcs Stock
Vgs(th) (Max) @ Id	4V @ 250μA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	SOT-223
Series	STripFET™ II
Rds On (Max) @ Id, Vgs	100 mOhm @ 1.5A, 10V
Power Dissipation (Max)	3.3W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-261-4, TO-261AA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	315pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	13nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	4A (Tc)

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