

 Not Actual Photo YIC International Co., Limited. Image may be representation. See specs for product details.	STL45N10F7AG
	Manufacturer Part Number: STL45N10F7AG
	Manufacturer/Brand: N/A
	Part of Description: MOSFET
	RoHs Status:
	Stock Condition: New original, 9263 pcs Stock Available.
	Ship From: Hong Kong
	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications	
Part Number	STL45N10F7AG
Manufacturer	N/A
Description	MOSFET
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	9263 pcs Stock
Vgs(th) (Max) @ Id	4.5V @ 250μA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PowerFlat™ (5x6)
Series	Automotive, AEC-Q101, STripFET™ F7
Rds On (Max) @ Id, Vgs	24 mOhm @ 9A, 10V
Power Dissipation (Max)	72W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerVDFN
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Manufacturer Standard Lead Time	38 Weeks
Input Capacitance (Ciss) (Max) @ Vds	1450pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	19.5nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	100V
Detailed Description	N-Channel 100V 18A (Tc) 72W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	18A (Tc)

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