

 Not Actual Photo YIC International Co., Limited. Image may be representation. See specs for product details.	STL42P4LLF6
	Manufacturer Part Number: STL42P4LLF6
	Manufacturer/Brand: N/A
	Part of Description: MOSFET P-CH 40V 42A 8POWERFLAT
	RoHs Status:  Lead free / RoHS
	Stock Condition: Compliant New original, 17805 pcs Stock Available.
	Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS	

Specifications	
Part Number	STL42P4LLF6
Manufacturer	N/A
Description	MOSFET P-CH 40V 42A 8POWERFLAT
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	17805 pcs Stock
Vgs(th) (Max) @ Id	2.5V @ 250μA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PowerFlat™ (5x6)
Series	STripFET™ F6
Rds On (Max) @ Id, Vgs	18 mOhm @ 5A, 10V
Power Dissipation (Max)	75W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerSMD, Flat Leads
Operating Temperature	175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	2850pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	22nC @ 4.5V
FET Type	P-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	42A (Tc)

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