
 life.augmented	Manufacturer Part Number: STW8N120K5
	Manufacturer/Brand: STMicroelectronics
	Part of Description: MOSFET N-CH 1200V 8A TO-247
	Datasheets:  STW8N120K5.pdf
RoHS Status:  Lead free / RoHS	Stock Condition: Compliant New original, 23 pcs Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	






Specifications

Part Number	STW8N120K5
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 1200V 8A TO-247
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	23 pcs Stock
Vgs(th) (Max) @ Id	5V @ 100µA
Vgs (Max)	-
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247
Series	MDmesh™ K5
Rds On (Max) @ Id, Vgs	2 Ohm @ 2.5A, 10V
Power Dissipation (Max)	130W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Other Names	497-18094
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	42 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	505pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	13.7nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	1200V
Detailed Description	N-Channel 1200V 6A (Tc) 130W (Tc) Through Hole TO-
Current - Continuous Drain (Id) @ 25°C	6A (Tc)

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