



 life.augmented	<b>Manufacturer Part Number:</b> <a href="#">STU6NF10</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
	<b>Part of Description:</b> MOSFET N-CH 100V 6A IPAK
	<b>Datasheets:</b>  <a href="#">STU6NF10.pdf</a>
<b>RoHS Status:</b>  Lead free / RoHS	<b>Stock Condition:</b> Compliant New original, 37083 pcs Stock Available.
<b>Ship From:</b> Hong Kong	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	STU6NF10
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 100V 6A IPAK
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	37083 pcs Stock
Vgs(th) (Max) @ Id	4V @ 250μA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	I-Pak
Series	STripFET™
Rds On (Max) @ Id, Vgs	250 mOhm @ 3A, 10V
Power Dissipation (Max)	30W (Tc)
Packaging	Tube
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Operating Temperature	-65°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	280pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	14nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	6A (Tc)

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 <b>STU6N95K5</b> STMicroelectronics MOSFET N CH 950V 9A IPAK	 <b>STU75N3LLH6-S-H</b> ST STU75N3LLH6-S-H ST	 <b>STU6N90K5</b> STMicroelectronics N-CHANNEL 900 V, 2.1 OHM TYP., 3	 <b>STU70N2LH5</b> STMicroelectronics MOSFET N-CH 25V 48A IPAK

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