



## POWERSTEP01

Part Number:	POWERSTEP01
Manufacturer/Brand:	STMicroelectronics
Product description:	IC MICROSTEP CTRLR SIP 89VFQFPN
Datasheets:	<a href="#">POWERSTEP01.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	9633 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of POWERSTEP01

PART NUMBER	POWERSTEP01
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MICROSTEP CTRLR SIP 89VFQFPN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9633 pcs
DATA SHEET	<a href="#">POWERSTEP01.pdf</a>
VOLTAGE - SUPPLY	3.3V, 5V
VOLTAGE - LOAD	85V (Max)
TECHNOLOGY	Power MOSFET
SUPPLIER DEVICE PACKAGE	89-VFQFPN (11x14)
STEP RESOLUTION	1 ~ 1/128
SERIES	-
PACKAGING	Tray
PACKAGE / CASE	89-PowerVFQFN
OUTPUT CONFIGURATION	Half Bridge (4)
OTHER NAMES	497-15441
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
MOUNTING TYPE	Surface Mount
MOTOR TYPE - STEPPER	Bipolar
MOTOR TYPE - AC, DC	-
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERFACE	SPI
FUNCTION	Driver - Fully Integrated, Control and Power Stage
DETAILED DESCRIPTION	Bipolar Motor Driver Power MOSFET SPI 89-VFQFPN (11x14)
CURRENT - OUTPUT	10A
APPLICATIONS	General Purpose

### Related Tags

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<p><b>POWERSTEP01TR</b> Manufacturers: STMicroelectronics Description: IC MICROSTEP CTRLR SIP 89VFQFPN In stock: 7447 pcs <a href="#">RFQ</a></p>	<p><b>POW-2242P-C3310-B-R</b> Manufacturers: PUI Audio, Inc. Description: MIC COND ANALOG OMNI -42DB In stock: 42267 pcs <a href="#">RFQ</a></p>
<p><b>POWERSTRIP-10</b> Manufacturers: HellermannTyton Description: 10 OUTLET POWERSTRIP In stock: 674 pcs <a href="#">RFQ</a></p>	<p><b>POW-2744P-B-R</b> Manufacturers: PUI Audio, Inc. Description: MIC COND ANALOG OMNI -44DB In stock: 38760 pcs <a href="#">RFQ</a></p>
<p><b>POWERSTRIP-10S</b> Manufacturers: HellermannTyton Description: 10 OUTLET POWERSTRIP W/SRGR PROTE In stock: 3147 pcs <a href="#">RFQ</a></p>	<p><b>POW-2742P-C3310-B-R</b> Manufacturers: PUI Audio, Inc. Description: MIC COND ANALOG OMNI -42DB In stock: 40296 pcs <a href="#">RFQ</a></p>
<p><b>POW-2742L-C3310-B-R</b> Manufacturers: PUI Audio, Inc. Description: MIC COND ANALOG OMNI -42DB In stock: 41131 pcs <a href="#">RFQ</a></p>	<p><b>POWERSTRIP-6</b> Manufacturers: HellermannTyton Description: 6 OUTLET POWERSTRIP In stock: 4908 pcs <a href="#">RFQ</a></p>
<p><b>POWER-KIT</b> Manufacturers: Rubycon Description: PRIMARY POWER SUPPLY KIT In stock: 4750 pcs <a href="#">RFQ</a></p>	<p><b>POWR1014A-B-EVN</b> Manufacturers: Lattice Semiconductor Description: BOARD BREAKOUT POWR1014A In stock: 3370 pcs <a href="#">RFQ</a></p>