



Image may be representation. See specifications for product details.

VIPER53SPTR-E

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | VIPER53SPTR-E                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                  |
| Product description | IC OFFLINE SWIT PWM CM POWERSO10                                                                                    |
| Datasheets:         |  <a href="#">VIPER53SPTR-E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 59028 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of VIPER53SPTR-E

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VIPER53SPTR-E                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                    |
| DESCRIPTION                      | IC OFFLINE SWIT PWM CM POWERSO10                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 59028 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">VIPER53SPTR-E.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 8.4 V ~ 19 V                                                                                                          |
| VOLTAGE - START UP               | 11.5V                                                                                                                 |
| VOLTAGE - BREAKDOWN              | 620V                                                                                                                  |
| TOPOLOGY                         | Flyback                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 10-PowerSO                                                                                                            |
| SERIES                           | VIPER™                                                                                                                |
| POWER (WATTS)                    | 65W                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | PowerSO-10 Exposed Bottom Pad                                                                                         |
| OUTPUT ISOLATION                 | Isolated                                                                                                              |
| OTHER NAMES                      | 497-6173-2<br>VIPER53SPTRE                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TC)                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| INTERNAL SWITCH(S)               | Yes                                                                                                                   |
| FREQUENCY - SWITCHING            | Up to 300kHz                                                                                                          |
| FAULT PROTECTION                 | Current Limiting, Over Load, Over Temperature, Short Circuit                                                          |
| DUTY CYCLE                       | -                                                                                                                     |
| DETAILED DESCRIPTION             | Converter Offline Flyback Topology Up to 300kHz 10-PowerSO                                                            |
| CONTROL FEATURES                 | EN, Frequency Control, Soft Start                                                                                     |
| BASE PART NUMBER                 | VIPER53                                                                                                               |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics VIPER53SPTR-E | VIPER53SPTR-E Distributor        | VIPER53SPTR-E Supplier               |
| VIPER53SPTR-E Price              | VIPER53SPTR-E Pictures           | VIPER53SPTR-E Image                  |
| VIPER53SPTR-E PDF Datasheet      | VIPER53SPTR-E Download Datasheet | VIPER53SPTR-E Datasheet              |
| VIPER53SPTR-E Stock              | Buy VIPER53SPTR-E                | Buy STMicroelectronics VIPER53SPTR-E |
| STMicroelectronics VIPER53SPTR-E | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STMicroelectronics VIPER53SPTR-E |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>VIPER53DIP-E</b><br>Manufacturers: STMicroelectronics<br>Description: IC OFFLINE SWIT PWM CM OTP 8DIP<br>In stock: 40381 pcs<br><b>RFQ</b> |  <b>VIPER53EDIP-E</b><br>Manufacturers: STMicroelectronics<br>Description: IC OFFLINE SWIT PWM CM OTP 8DIP<br>In stock: 32362 pcs<br><b>RFQ</b>  |
|  <b>VIPER53ESPTR-E</b><br>Manufacturers: STMicroelectronics<br>Description: IC OFFLINE SWIT PWM POWERSO10<br>In stock: 40412 pcs<br><b>RFQ</b> |  <b>VIPERA16HD</b><br>Manufacturers: STMicroelectronics<br>Description: IC OFFLINE CONV PWM OTP<br>In stock: 149538 pcs<br><b>RFQ</b>            |
|  <b>VIPER53SP</b><br>Manufacturers: STMicroelectronics<br>Description: IC OFFLINE SWIT PWM CM POWERSO10<br>In stock: 47721 pcs<br><b>RFQ</b>   |  <b>VIPER50SP</b><br>Manufacturers: STMicroelectronics<br>Description: IC SWIT PWM SMPS CM POWERSO10<br>In stock: 64509 pcs<br><b>RFQ</b>        |
|  <b>VIPER53DIP</b><br>Manufacturers: STMicroelectronics<br>Description: IC OFFLINE SWIT PWM CM OTP 8DIP<br>In stock: 73416 pcs<br><b>RFQ</b>   |  <b>VIPER53SP13TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC OFFLINE SWIT PWM CM POWERSO10<br>In stock: 38962 pcs<br><b>RFQ</b> |
|  <b>VIPER50SP13TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC SWIT PWM SMPS CM POWERSO10<br>In stock: 53323 pcs<br><b>RFQ</b>  |  <b>VIPERA16HDTR</b><br>Manufacturers: STMicroelectronics<br>Description: IC OFFLINE CONV PWM OTP<br>In stock: 96826 pcs<br><b>RFQ</b>           |
|  <b>VIPER53SP-E</b><br>Manufacturers: STMicroelectronics<br>Description: IC OFFLINE SWIT PWM CM POWERSO10<br>In stock: 35230 pcs<br><b>RFQ</b> |  <b>VIPER53ESP-E</b><br>Manufacturers: STMicroelectronics<br>Description: IC OFFLINE SWIT PWM POWERSO10<br>In stock: 40553 pcs<br><b>RFQ</b>     |