



STMicroelectronics



VIPERA16HD

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VIPERA16HD                                                                                                   |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC OFFLINE CONV PWM OTP                                                                                      |
| Datasheets:         |  VIPERA16HD.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 149538 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of VIPERA16HD

|                                    |                                                                                                    |
|------------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                        | VIPERA16HD                                                                                         |
| MANUFACTURER                       | STMicroelectronics                                                                                 |
| DESCRIPTION                        | IC OFFLINE CONV PWM OTP                                                                            |
| LEAD FREE STATUS / ROHS STATUS     | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE                 | 149538 pcs                                                                                         |
| DATA SHEET                         |  VIPERA16HD.pdf |
| VOLTAGE - WORKING                  | 10W                                                                                                |
| VOLTAGE - START UP                 | Buck, Buck-Boost, Flyback                                                                          |
| VOLTAGE - BREAKDOWN                | 16-SO                                                                                              |
| TOPOLOGY                           | Either                                                                                             |
| SERIES                             | VIPer™ plus                                                                                        |
| ROHS STATUS                        | Tube                                                                                               |
| POLARIZATION                       | 16-SOIC (0.154", 3.90mm Width)                                                                     |
| OPERATING TEMPERATURE              | -40°C ~ 150°C (TJ)                                                                                 |
| NUMBER OF DAC'S                    | 115kHz                                                                                             |
| MOUNTING TYPE                      | Surface Mount                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL)   | 1 (Unlimited)                                                                                      |
| MATING LENGTH/DEPTH                | Yes                                                                                                |
| MANUFACTURER PART NUMBER           | VIPERA16HD                                                                                         |
| FAULT PROTECTION                   | 80%                                                                                                |
| EXPANDED DESCRIPTION               | Converter Offline Buck, Buck-Boost, Flyback Topology 115kHz 16-SO                                  |
| ESL (EQUIVALENT SERIES INDUCTANCE) | 800V                                                                                               |
| DUTY CYCLE                         | 13V                                                                                                |
| DESCRIPTION                        | IC OFFLINE CONV PWM OTP                                                                            |
| DATA CONVERTERS                    | 11.5 V ~ 23.5 V                                                                                    |
| CURRENT - CHARGING                 | -                                                                                                  |
| CONTROL FEATURES                   | Current Limiting, Over Temperature                                                                 |

Related Tags

|                               |                               |                                   |
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| STMicroelectronics VIPERA16HD | VIPERA16HD Distributor        | VIPERA16HD Supplier               |
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>VIPER53SP-E<br/>Manufacturers: STMicroelectronics<br/>Description: IC OFFLINE SWIT PWM CM POWERSO10<br/>In stock: 35230 pcs<br/>RFQ</div>   |  <div>VIPER53DIP<br/>Manufacturers: STMicroelectronics<br/>Description: IC OFFLINE SWIT PWM CM OTP 8DIP<br/>In stock: 73416 pcs<br/>RFQ</div>     |
|  <div>VIPERA16HDTR<br/>Manufacturers: STMicroelectronics<br/>Description: IC OFFLINE CONV PWM OTP<br/>In stock: 96826 pcs<br/>RFQ</div>           |  <div>VIPER50SP13TR<br/>Manufacturers: STMicroelectronics<br/>Description: IC SWIT PWM SMPS CM POWERSO10<br/>In stock: 53323 pcs<br/>RFQ</div>    |
|  <div>VIPER53SP<br/>Manufacturers: STMicroelectronics<br/>Description: IC OFFLINE SWIT PWM CM POWERSO10<br/>In stock: 47721 pcs<br/>RFQ</div>     |  <div>VIPER53SPTR-E<br/>Manufacturers: STMicroelectronics<br/>Description: IC OFFLINE SWIT PWM CM POWERSO10<br/>In stock: 59028 pcs<br/>RFQ</div> |
|  <div>VIPER53SP13TR<br/>Manufacturers: STMicroelectronics<br/>Description: IC OFFLINE SWIT PWM CM POWERSO10<br/>In stock: 38962 pcs<br/>RFQ</div> |  <div>VIPER50SP<br/>Manufacturers: STMicroelectronics<br/>Description: IC SWIT PWM SMPS CM POWERSO10<br/>In stock: 64509 pcs<br/>RFQ</div>        |
|  <div>VIPER53ESP-E<br/>Manufacturers: STMicroelectronics<br/>Description: IC OFFLINE SWIT PWM POWERSO10<br/>In stock: 40553 pcs<br/>RFQ</div>     |  <div>VIPER53EDIP-E<br/>Manufacturers: STMicroelectronics<br/>Description: IC OFFLINE SWIT PWM CM OTP 8DIP<br/>In stock: 32362 pcs<br/>RFQ</div>  |
|  <div>VIPER53DIP-E<br/>Manufacturers: STMicroelectronics<br/>Description: IC OFFLINE SWIT PWM CM OTP 8DIP<br/>In stock: 40381 pcs<br/>RFQ</div>   |  <div>VIPER53ESPTR-E<br/>Manufacturers: STMicroelectronics<br/>Description: IC OFFLINE SWIT PWM POWERSO10<br/>In stock: 40412 pcs<br/>RFQ</div>   |