



STMicroelectronics



L5993D

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | L5993D                                                                                                               |
| Manufacturer/Brand: | STMicroelectronics                                                                                                   |
| Product description | IC REG CTRLR FLYBACK 16SOIC                                                                                          |
| Datasheets:         |  L5993D.pdf                         |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of L5993D

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | L5993D                                                                                           |
| MANUFACTURER                     | STMicroelectronics                                                                               |
| DESCRIPTION                      | IC REG CTRLR FLYBACK 16SOIC                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                               |
| DATA SHEET                       |  L5993D.pdf   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 10 V ~ 20 V                                                                                      |
| TOPOLOGY                         | Flyback                                                                                          |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 16-SO                                                                                            |
| SERIES                           | -                                                                                                |
| SERIAL INTERFACES                | -                                                                                                |
| PACKAGING                        | Tube                                                                                             |
| PACKAGE / CASE                   | 16-SOIC (0.154", 3.90mm Width)                                                                   |
| OUTPUT TYPE                      | Transistor Driver                                                                                |
| OUTPUT PHASES                    | 1                                                                                                |
| OUTPUT CONFIGURATION             | Positive, Isolation Capable                                                                      |
| OTHER NAMES                      | 497-2387-5                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                               |
| NUMBER OF OUTPUTS                | 1                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                               |
| FUNCTION                         | Step-Up/Step-Down                                                                                |
| FREQUENCY - SWITCHING            | Up to 1MHz                                                                                       |
| DUTY CYCLE (MAX)                 | 93%                                                                                              |
| DETAILED DESCRIPTION             | Flyback Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 16-SO |
| CONTROL FEATURES                 | Current Limit, Enable, Soft Start                                                                |
| CLOCK SYNC                       | No                                                                                               |
| BASE PART NUMBER                 | L5993                                                                                            |

Related Tags

|                           |                             |                                |
|---------------------------|-----------------------------|--------------------------------|
| STMicroelectronics L5993D | L5993D Distributor          | L5993D Supplier                |
| L5993D Price              | L5993D Pictures             | L5993D Image                   |
| L5993D PDF Datasheet      | L5993D Download Datasheet   | L5993D Datasheet               |
| L5993D Stock              | Buy L5993D                  | Buy STMicroelectronics L5993D  |
| STMicroelectronics L5993D | STMicroelectronics Supplier | STMicroelectronics Distributor |
| STMicroelectronics L5993D |                             |                                |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                      |
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| <div><div><b>L59C-G24-W</b><br/>Manufacturers: VCC (Visual Communications Company)<br/>Description: LED PANEL INDICATOR 24V GREEN<br/>In stock: Out stock</div><div>RFQ</div></div>  | <div><div><b>L59C-R24-W</b><br/>Manufacturers: VCC (Visual Communications Company)<br/>Description: LED PANEL INDICATOR 24V RED<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>L59C-Y24-W</b><br/>Manufacturers: VCC (Visual Communications Company)<br/>Description: LED PANEL INDICATOR 24V YELLOW<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>L59D-G12-W</b><br/>Manufacturers: VCC (Visual Communications Company)<br/>Description: LED PANEL INDICATOR GRN 12V<br/>In stock: 230 pcs</div><div>RFQ</div></div>   |
| <div><div><b>L5991AD</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR FLYBACK 16SO<br/>In stock: 557 pcs</div><div>RFQ</div></div>                            | <div><div><b>L5991D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST FLYBK ISO SO16<br/>In stock: Out stock</div><div>RFQ</div></div>                  |
| <div><div><b>L5991A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR FLYBACK 16DIP<br/>In stock: Out stock</div><div>RFQ</div></div>                          | <div><div><b>L5991D013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR PWM CM 16-SOIC<br/>In stock: Out stock</div><div>RFQ</div></div>                 |
| <div><div><b>L5991</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BST FLYBK ISO 16DIP<br/>In stock: Out stock</div><div>RFQ</div></div>                     | <div><div><b>L5994</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 32-TQFP<br/>In stock: Out stock</div><div>RFQ</div></div>                         |
| <div><div><b>L5994A</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 32-TQFP<br/>In stock: Out stock</div><div>RFQ</div></div>                           | <div><div><b>L5991AD13TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR FLYBACK 16SOIC<br/>In stock: Out stock</div><div>RFQ</div></div>                 |