



L297D

|                     |                              |
|---------------------|------------------------------|
| Part Number:        | L297D                        |
| Manufacturer/Brand: | STMicroelectronics           |
| Product description | IC MOTOR CONTROLLER PAR 20SO |
| Datasheets:         | L297D.pdf                    |
| RoHs Status         | Lead free / RoHS Compliant   |
| Stock Condition     | 12162 pcs stock              |
| Ship From           | Hong Kong                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS        |

REQUEST FOR QUOTATION

Specifications of L297D

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| PART NUMBER                      | L297D                                                 |
| MANUFACTURER                     | STMicroelectronics                                    |
| DESCRIPTION                      | IC MOTOR CONTROLLER PAR 20SO                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                            |
| QUANTITY AVAILABLE               | 12162 pcs                                             |
| DATA SHEET                       | L297D.pdf                                             |
| VOLTAGE - SUPPLY                 | 4.75 V ~ 7 V                                          |
| VOLTAGE - LOAD                   | -                                                     |
| TECHNOLOGY                       | -                                                     |
| SUPPLIER DEVICE PACKAGE          | 20-SO                                                 |
| STEP RESOLUTION                  | 1, 1/2                                                |
| SERIES                           | -                                                     |
| PACKAGING                        | Tube                                                  |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                        |
| OUTPUT CONFIGURATION             | Pre-Driver - Half Bridge (4)                          |
| OTHER NAMES                      | 497-1393-5<br>497-1393-5-ND<br>497-3623<br>497-3623-5 |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                    |
| MOUNTING TYPE                    | Surface Mount                                         |
| MOTOR TYPE - STEPPER             | Bipolar, Unipolar                                     |
| MOTOR TYPE - AC, DC              | -                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                            |
| INTERFACE                        | Parallel                                              |
| FUNCTION                         | Controller - Commutation, Direction Management        |
| DETAILED DESCRIPTION             | Bipolar, Unipolar Motor Driver Parallel 20-SO         |
| CURRENT - OUTPUT                 | -                                                     |
| BASE PART NUMBER                 | L297                                                  |
| APPLICATIONS                     | General Purpose                                       |

Related Tags

|                          |                             |                                |
|--------------------------|-----------------------------|--------------------------------|
| STMicroelectronics L297D | L297D Distributor           | L297D Supplier                 |
| L297D Price              | L297D Pictures              | L297D Image                    |
| L297D PDF Datasheet      | L297D Download Datasheet    | L297D Datasheet                |
| L297D Stock              | Buy L297D                   | Buy STMicroelectronics L297D   |
| STMicroelectronics L297D | STMicroelectronics Supplier | STMicroelectronics Distributor |
| STMicroelectronics L297D |                             |                                |

Related Products

|                                                                                                                                                |                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>L295000NAE</b><br>Manufacturers: Arcoelectric (Bulgin)<br>Description: LAMP PNL MNT<br>In stock: 3227 pcs<br><b>RFQ</b>                 | <br><b>L296</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK ADJ 4A MULTIWATT15<br>In stock: 15582 pcs<br><b>RFQ</b>     |
| <br><b>L296BK</b><br>Manufacturers: Luxo<br>Description: LAMP MAGNIFIER 3 DIOPTER 60W<br>In stock: 4795 pcs<br><b>RFQ</b>                      | <br><b>L296PHT</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK ADJ 4A MULTIWATT15<br>In stock: 16837 pcs<br><b>RFQ</b>  |
| <br><b>L296P</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK ADJ 4A MULTIWATT15<br>In stock: 16417 pcs<br><b>RFQ</b>      | <br><b>L297D013TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MOTOR CONTROLLER PAR 20SO<br>In stock: 13833 pcs<br><b>RFQ</b> |
| <br><b>L298N</b><br>Manufacturers: STMicroelectronics<br>Description: IC BRIDGE DRIVER PAR 15MULTIWATT<br>In stock: 21136 pcs<br><b>RFQ</b>    | <br><b>L298P</b><br>Manufacturers: STMicroelectronics<br>Description: IC BRIDGE DRIVER PAR 20POWER50<br>In stock: 18298 pcs<br><b>RFQ</b>    |
| <br><b>L298P013TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC BRIDGE DRIVER PAR 20POWER50<br>In stock: 27493 pcs<br><b>RFQ</b> | <br><b>L298HN</b><br>Manufacturers: STMicroelectronics<br>Description: IC BRIDGE DRIVER PAR 15MULTIWATT<br>In stock: 18369 pcs<br><b>RFQ</b> |
| <br><b>L296HT</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK ADJ 4A MULTIWATT15<br>In stock: 20688 pcs<br><b>RFQ</b>     | <br><b>L297/1</b><br>Manufacturers: STMicroelectronics<br>Description: IC MOTOR CONTROLLER PAR 20DIP<br>In stock: 12053 pcs<br><b>RFQ</b>    |