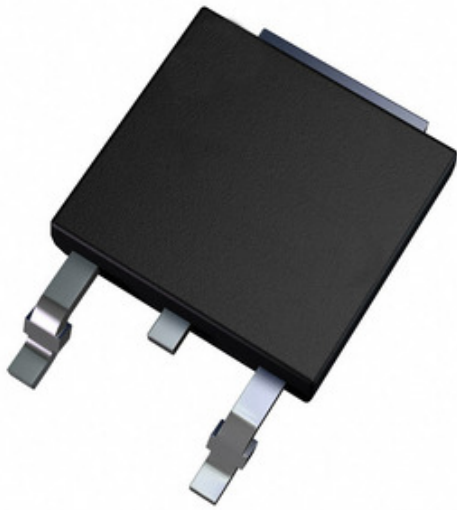




STMicroelectronics



KF25BDT-TR

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | KF25BDT-TR                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                               |
| Product description | IC REG LINEAR 2.5V 500MA DPAK                                                                                    |
| Datasheets:         |  <a href="#">KF25BDT-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

Specifications of KF25BDT-TR

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | KF25BDT-TR                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                 |
| DESCRIPTION                      | IC REG LINEAR 2.5V 500MA DPAK                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| DATA SHEET                       |  <a href="#">KF25BDT-TR.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.7V @ 500mA                                                                                                       |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                               |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                  |
| VOLTAGE - INPUT (MAX)            | 20V                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | DPAK                                                                                                               |
| SERIES                           | -                                                                                                                  |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                   |
| PACKAGE / CASE                   | TO-252-3, DPak (2 Leads + Tab), SC-63                                                                              |
| PSRR                             | 82dB ~ 60dB (120Hz ~ 10kHz)                                                                                        |
| OUTPUT TYPE                      | Fixed                                                                                                              |
| OUTPUT CONFIGURATION             | Positive                                                                                                           |
| OTHER NAMES                      | 497-4202-2<br>KF25BDTTR                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                      |
| NUMBER OF REGULATORS             | 1                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 50 Weeks                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 500mA DPAK                                                |
| CURRENT - SUPPLY (MAX)           | 12mA                                                                                                               |
| CURRENT - QUIESCENT (IQ)         | 1mA                                                                                                                |
| CURRENT - OUTPUT                 | 500mA                                                                                                              |
| CONTROL FEATURES                 | -                                                                                                                  |
| BASE PART NUMBER                 | KF25B                                                                                                              |

Related Tags

|                               |                               |                                   |
|-------------------------------|-------------------------------|-----------------------------------|
| STMicroelectronics KF25BDT-TR | KF25BDT-TR Distributor        | KF25BDT-TR Supplier               |
| KF25BDT-TR Price              | KF25BDT-TR Pictures           | KF25BDT-TR Image                  |
| KF25BDT-TR PDF Datasheet      | KF25BDT-TR Download Datasheet | KF25BDT-TR Datasheet              |
| KF25BDT-TR Stock              | Buy KF25BDT-TR                | Buy STMicroelectronics KF25BDT-TR |
| STMicroelectronics KF25BDT-TR | STMicroelectronics Supplier   | STMicroelectronics Distributor    |
| STMicroelectronics KF25BDT-TR |                               |                                   |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>KF2310500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 1150 TB PCB CONNECTOR<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>KF2270500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 1000 TB PCB CONNECTOR<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>KF2PUJ1M8A00(R)</b><br/>Manufacturers: GlobTek, Inc.<br/>Description: CABLE ASSEMBLY WITH 2-PIN FEMALE<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>KF2370500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 1300 TB PCB CONNECTOR<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>KF2210500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 850 TB PCB CONNECTOR<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>KF2170500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 700 TB PCB CONNECTOR<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>KF2110500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 550 TB PCB CONNECTOR<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>KF2PUJ1M8KM2(R)</b><br/>Manufacturers: GlobTek, Inc.<br/>Description: CABLE ASSEMBLY IP68 WATERTIGHT<br/>In stock: 98 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>KF2070500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 400 TB PCB CONNECTOR<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>KF2470500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 500 TB PCB CONNECTOR<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>KF2410500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 1450 TB PCB CONNECTOR<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>KF25BD-TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.5V 500MA 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div>    |