



TPS630251YFFR

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | TPS630251YFFR                    |
| Manufacturer/Brand: | N/A                              |
| Product description | IC REG BCK BST 2.9V 3.5A 20DSBGA |
| Datasheets:         |                                  |
| RoHs Status         | Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of TPS630251YFFR

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | TPS630251YFFR                                                                                |
| MANUFACTURER                     | N/A                                                                                          |
| DESCRIPTION                      | IC REG BCK BST 2.9V 3.5A 20DSBGA                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| DATA SHEET                       |                                                                                              |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.9V                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                            |
| VOLTAGE - INPUT (MIN)            | 2.3V                                                                                         |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                         |
| TOPOLOGY                         | Buck-Boost                                                                                   |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 20-DSBGA                                                                                     |
| SERIES                           | -                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                             |
| PACKAGE / CASE                   | 20-UFBGA, DSBGA                                                                              |
| OUTPUT TYPE                      | Fixed                                                                                        |
| OUTPUT CONFIGURATION             | Positive                                                                                     |
| OTHER NAMES                      | 296-40857-2<br>TPS630251YFFR-ND                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                            |
| NUMBER OF OUTPUTS                | 1                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| FUNCTION                         | Step-Up/Step-Down                                                                            |
| FREQUENCY - SWITCHING            | 2.5MHz                                                                                       |
| DETAILED DESCRIPTION             | Buck-Boost Switching Regulator IC Positive Fixed 2.9V 1 Output 3.5A (Switch) 20-UFBGA, DSBGA |
| CURRENT - OUTPUT                 | 3.5A (Switch)                                                                                |
| BASE PART NUMBER                 | TPS630251                                                                                    |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| TPS630251YFFR               | TPS630251YFFR Distributor        | TPS630251YFFR Supplier  |
| TPS630251YFFR Price         | TPS630251YFFR Pictures           | TPS630251YFFR Image     |
| TPS630251YFFR PDF Datasheet | TPS630251YFFR Download Datasheet | TPS630251YFFR Datasheet |
| TPS630251YFFR Stock         | Buy TPS630251YFFR                | Buy TPS630251YFFR       |
| TPS630251YFFR               | Supplier                         | Distributor             |

Related Products

|                                                                                                                                                      |                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TPS630252YFFR</b><br/>Manufacturers: N/A<br/>Description: IC REG BCK BST 3.3V 3.5A 20DSBGA<br/>In stock: 74251 pcs<br/>RFQ</div> | <div></div> <div><b>TPS630250RNCT</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK BST ADJ 2A/4A 14VQFN<br/>In stock: 63633 pcs<br/>RFQ</div> |
| <div></div> <div><b>TPS63027YFFT</b><br/>Manufacturers: N/A<br/>Description: IC REG BCK BOOST ADJ 500MA DSBGA<br/>In stock: 42797 pcs<br/>RFQ</div>  | <div></div> <div><b>TPS630250RNCR</b><br/>Manufacturers: N/A<br/>Description: BUCK-BOOST ADJ 2A/4A 14VQFN<br/>In stock: 71137 pcs<br/>RFQ</div>      |
| <div></div> <div><b>TPS63027EVM-870</b><br/>Manufacturers: N/A<br/>Description: EVALUATION MODULE<br/>In stock: 1639 pcs<br/>RFQ</div>               | <div></div> <div><b>TPS630250EVM-668</b><br/>Manufacturers: N/A<br/>Description: EVALUATION MODULE TPS630250<br/>In stock: 1830 pcs<br/>RFQ</div>    |
| <div></div> <div><b>TPS630250YFFT</b><br/>Manufacturers: N/A<br/>Description: IC REG BCK BST ADJ 2A/4A 20DSBGA<br/>In stock: 39220 pcs<br/>RFQ</div> | <div></div> <div><b>TPS63027YFFR</b><br/>Manufacturers: N/A<br/>Description: IC REG BUCK-BOOST FIXED 25DSBGA<br/>In stock: 82102 pcs<br/>RFQ</div>   |
| <div></div> <div><b>TPS630250YFFR</b><br/>Manufacturers: N/A<br/>Description: IC REG BCK BST ADJ 2A/4A 20DSBGA<br/>In stock: 74995 pcs<br/>RFQ</div> | <div></div> <div><b>TPS630250EVM-553</b><br/>Manufacturers: N/A<br/>Description: EVAL BOARD FOR TPS630250<br/>In stock: 2127 pcs<br/>RFQ</div>       |
| <div></div> <div><b>TPS630252YFFT</b><br/>Manufacturers: N/A<br/>Description: IC REG BCK BST 3.3V 3.5A 20DSBGA<br/>In stock: 64710 pcs<br/>RFQ</div> | <div></div> <div><b>TPS630251YFFT</b><br/>Manufacturers: N/A<br/>Description: IC REG BCK BST 2.9V 3.5A 20DSBGA<br/>In stock: 52225 pcs<br/>RFQ</div> |