



### TPS54312QPWPREP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TPS54312QPWPREP                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC REG BCK 1.2V 3A SYNC 20HTSSOP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6910 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

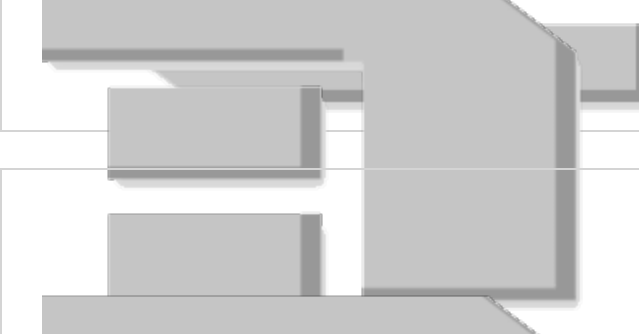
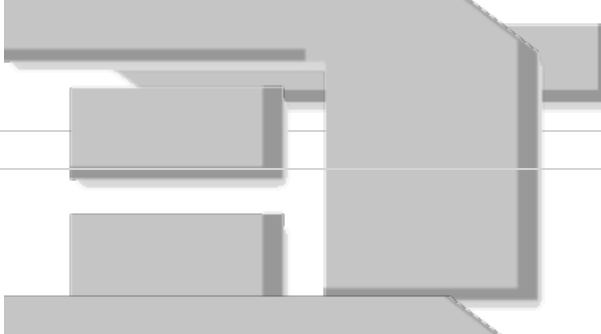
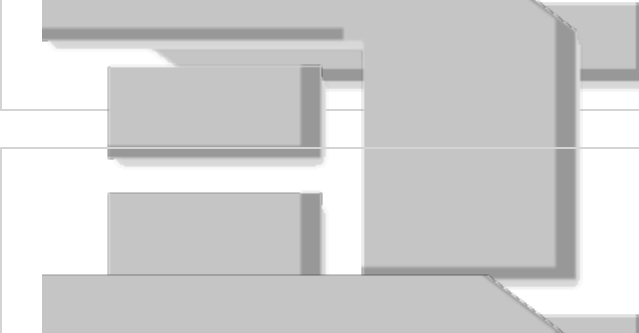
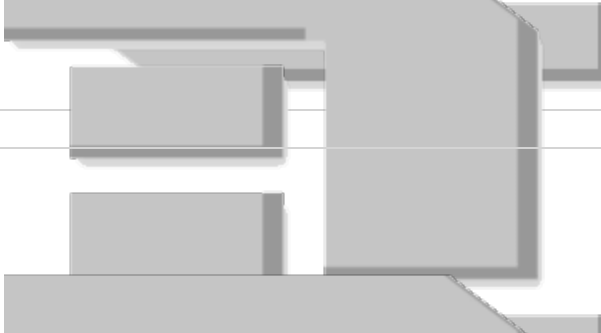
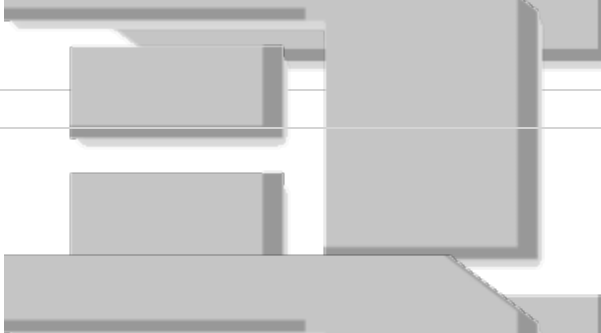
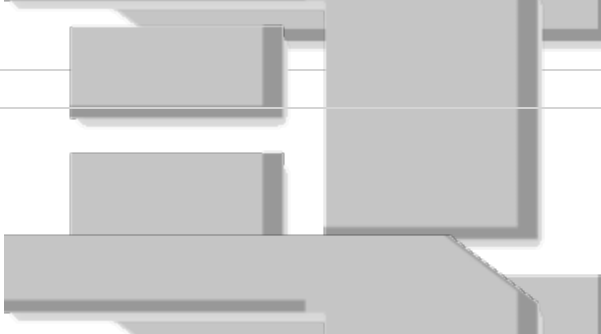
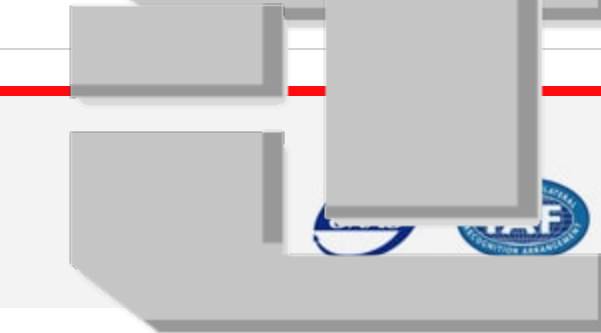
#### Specifications of TPS54312QPWPREP

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TPS54312QPWPREP                                                                                  |
| MANUFACTURER                     | N/A                                                                                              |
| DESCRIPTION                      | IC REG BCK 1.2V 3A SYNC 20HTSSOP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 6910 pcs                                                                                         |
| DATA SHEET                       |                                                                                                  |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.2V                                                                                             |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                |
| VOLTAGE - INPUT (MIN)            | 3V                                                                                               |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                               |
| TOPOLOGY                         | Buck                                                                                             |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 20-HTSSOP                                                                                        |
| SERIES                           | SWIFT™                                                                                           |
| PACKAGING                        | Cut Tape (CT)                                                                                    |
| PACKAGE / CASE                   | 20-PowerTSSOP (0.173", 4.40mm Width)                                                             |
| OUTPUT TYPE                      | Fixed                                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                                         |
| OTHER NAMES                      | 296-22450-1                                                                                      |
| OPERATING TEMPERATURE            | -55°C ~ 125°C (TJ)                                                                               |
| NUMBER OF OUTPUTS                | 1                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| FUNCTION                         | Step-Down                                                                                        |
| FREQUENCY - SWITCHING            | 350kHz, 550kHz                                                                                   |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 1.2V 1 Output 3A 20-PowerTSSOP (0.173", 4.40mm Width) |
| CURRENT - OUTPUT                 | 3A                                                                                               |
| BASE PART NUMBER                 | TPS54312                                                                                         |

#### Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| TPS54312QPWPREP               | TPS54312QPWPREP Distributor        | TPS54312QPWPREP Supplier  |
| TPS54312QPWPREP Price         | TPS54312QPWPREP Pictures           | TPS54312QPWPREP Image     |
| TPS54312QPWPREP PDF Datasheet | TPS54312QPWPREP Download Datasheet | TPS54312QPWPREP Datasheet |
| TPS54312QPWPREP Stock         | Buy TPS54312QPWPREP                | Buy TPS54312QPWPREP       |
| TPS54312QPWPREP               | Supplier                           | Distributor               |

#### Related Products

|                                                                                    |                                                                                                                                             |                                                                                      |                                                                                                                                             |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>TPS54313PWPRG4</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.5V 3A SYNC 20HTSSOP<br>In stock: 33588 pcs<br><a href="#">RFQ</a>  |  | <b>TPS54312PWPG4</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.2V 3A SYNC 20HTSSOP<br>In stock: 20419 pcs<br><a href="#">RFQ</a>   |
|  | <b>TPS54311PWPRG4</b><br>Manufacturers: N/A<br>Description: IC REG BCK 0.9V 3A SYNC 20HTSSOP<br>In stock: 5077 pcs<br><a href="#">RFQ</a>   |  | <b>TPS54312PWPRG4</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.2V 3A SYNC 20HTSSOP<br>In stock: 34621 pcs<br><a href="#">RFQ</a>  |
|  | <b>TPS54313PWPR</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.5V 3A SYNC 20HTSSOP<br>In stock: 39841 pcs<br><a href="#">RFQ</a>    |  | <b>TPS54312QPWPRQ1</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.2V 3A SYNC 20HTSSOP<br>In stock: 27604 pcs<br><a href="#">RFQ</a> |
|  | <b>TPS54313MPWPREP</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.5V 3A SYNC 20HTSSOP<br>In stock: 20341 pcs<br><a href="#">RFQ</a> |  | <b>TPS54312PWPR</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.2V 3A SYNC 20HTSSOP<br>In stock: 36044 pcs<br><a href="#">RFQ</a>    |
|  | <b>TPS54312MPWPREP</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.2V 3A SYNC 20HTSSOP<br>In stock: 17756 pcs<br><a href="#">RFQ</a> |  | <b>TPS54313PWPG4</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.5V 3A SYNC 20HTSSOP<br>In stock: 22739 pcs<br><a href="#">RFQ</a>   |
|  | <b>TPS54312PWP</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.2V 3A SYNC 20HTSSOP<br>In stock: 13684 pcs<br><a href="#">RFQ</a>     |  | <b>TPS54313PWP</b><br>Manufacturers: N/A<br>Description: IC REG BCK 1.5V 3A SYNC 20HTSSOP<br>In stock: 15085 pcs<br><a href="#">RFQ</a>     |