



### LM5642XMTX/NOPB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM5642XMTX/NOPB                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC REG CTRLR BUCK 28TSSOP                                                                                    |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 44752 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

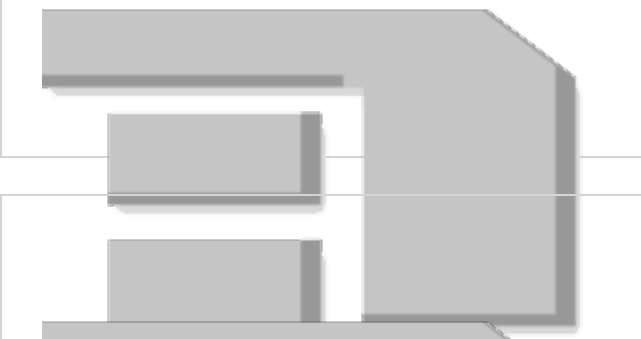
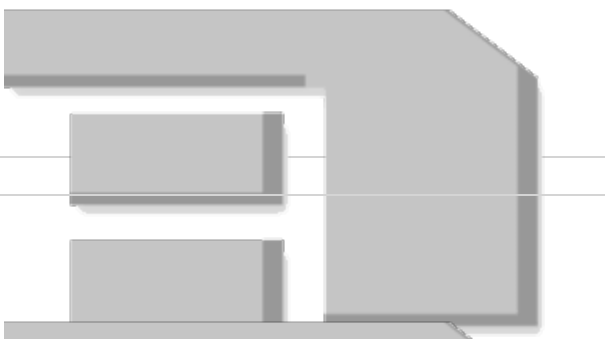
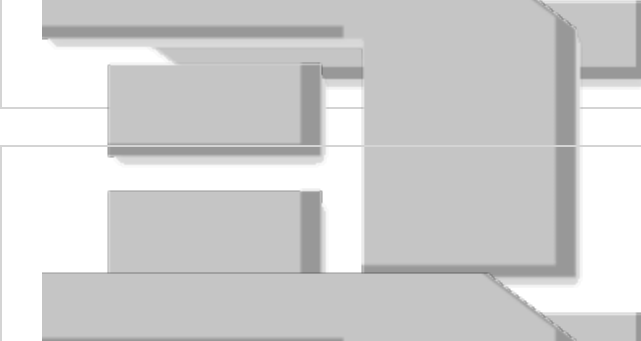
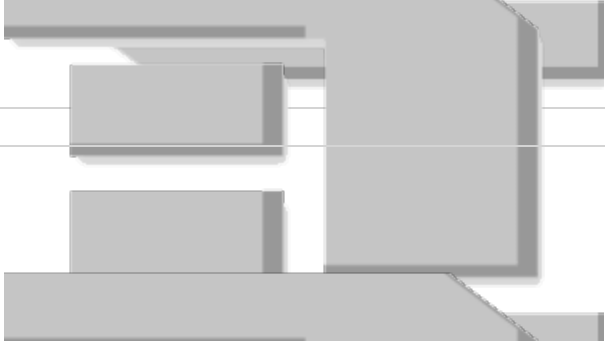
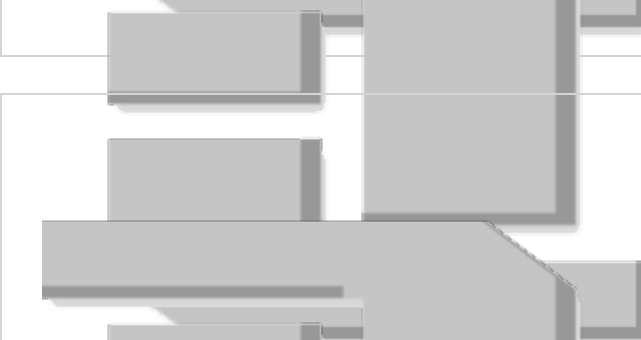
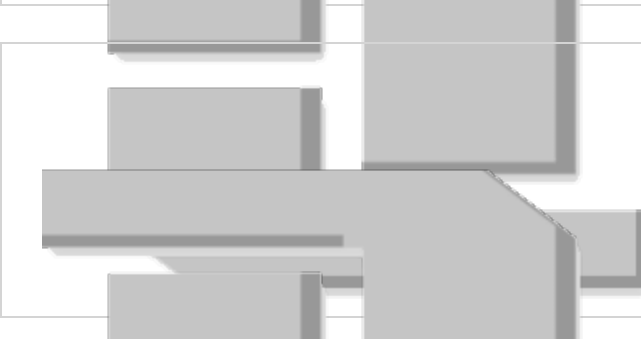
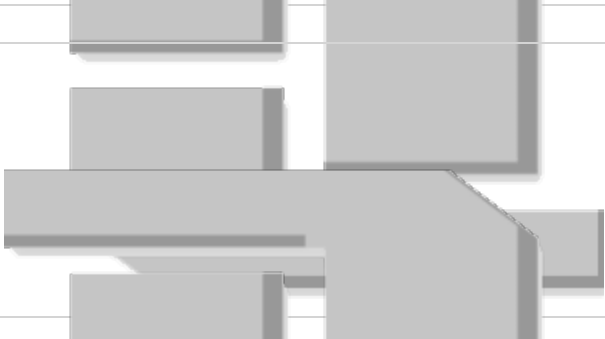
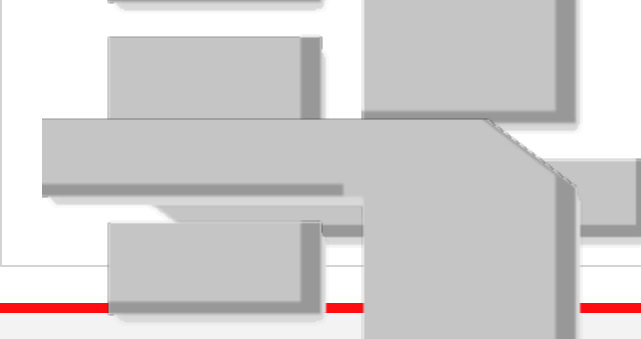
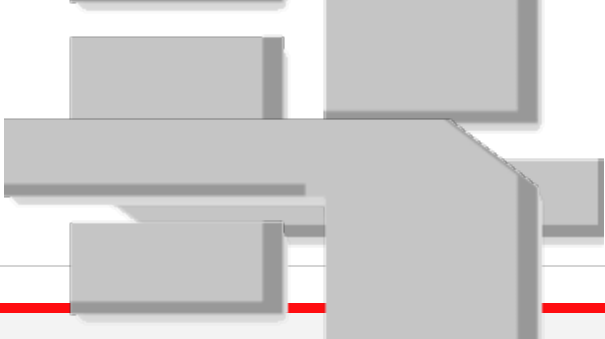
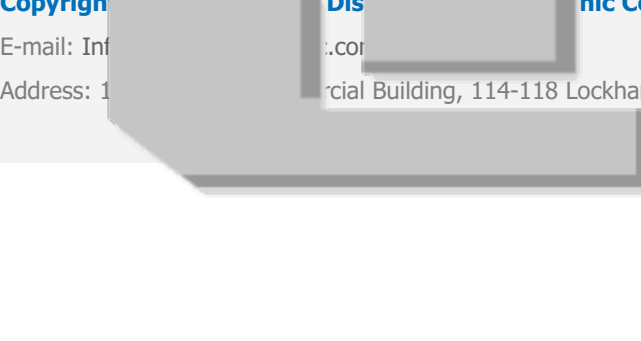
#### Specifications of LM5642XMTX/NOPB

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| PART NUMBER                      | LM5642XMTX/NOPB                                                       |
| MANUFACTURER                     | N/A                                                                   |
| DESCRIPTION                      | IC REG CTRLR BUCK 28TSSOP                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                            |
| QUANTITY AVAILABLE               | 44752 pcs                                                             |
| DATA SHEET                       |                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 36 V                                                          |
| TOPOLOGY                         | Buck                                                                  |
| SYNCHRONOUS RECTIFIER            | Yes                                                                   |
| SUPPLIER DEVICE PACKAGE          | 28-TSSOP                                                              |
| SERIES                           | -                                                                     |
| SERIAL INTERFACES                | -                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                      |
| PACKAGE / CASE                   | 28-TSSOP (0.173", 4.40mm Width)                                       |
| OUTPUT TYPE                      | Transistor Driver                                                     |
| OUTPUT PHASES                    | 2                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                              |
| OTHER NAMES                      | 296-35308-2<br>LM5642XMTX/NOPB-ND<br>LM5642XMTXNOPB                   |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                    |
| NUMBER OF OUTPUTS                | 2                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                            |
| FUNCTION                         | Step-Down                                                             |
| FREQUENCY - SWITCHING            | 375kHz                                                                |
| DUTY CYCLE (MAX)                 | 98.9%                                                                 |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 28-TSSOP |
| CONTROL FEATURES                 | Current Limit, Enable, Soft Start                                     |
| CLOCK SYNC                       | Yes                                                                   |
| BASE PART NUMBER                 | LM5642                                                                |

#### Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| LM5642XMTX/NOPB               | LM5642XMTX/NOPB Distributor        | LM5642XMTX/NOPB Supplier  |
| LM5642XMTX/NOPB Price         | LM5642XMTX/NOPB Pictures           | LM5642XMTX/NOPB Image     |
| LM5642XMTX/NOPB PDF Datasheet | LM5642XMTX/NOPB Download Datasheet | LM5642XMTX/NOPB Datasheet |
| LM5642XMTX/NOPB Stock         | Buy LM5642XMTX/NOPB                | Buy LM5642XMTX/NOPB       |
| LM5642XMTX/NOPB               | Supplier                           | Distributor               |

#### Related Products

|                                                                                    |                                                                                                                             |                                                                                      |                                                                                                                                  |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>LM567CN</b><br>Manufacturers: N/A<br>Description: IC TONE DECODR PHAS LOC LP 8-DIP<br>In stock: 5996 pcs<br><b>RFQ</b>   |  | <b>LM5642XMT</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR BUCK 28TSSOP<br>In stock: 4590 pcs<br><b>RFQ</b>             |
|  | <b>LM5642XMTX</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR BUCK 28TSSOP<br>In stock: 3728 pcs<br><b>RFQ</b>       |  | <b>LM567CMX/NOPB</b><br>Manufacturers: N/A<br>Description: IC TONE DECODR PHAS LOC LP 8SOIC<br>In stock: 51075 pcs<br><b>RFQ</b> |
|  | <b>LM5642XMHX</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR BUCK 28ETSSOP<br>In stock: 4082 pcs<br><b>RFQ</b>      |  | <b>LM567CM</b><br>Manufacturers: N/A<br>Description: IC TONE DECODR PHAS LOC LP 8SOIC<br>In stock: 3277 pcs<br><b>RFQ</b>        |
|  | <b>LM5642XMHX/NOPB</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR BUCK 28TSSOP<br>In stock: 41782 pcs<br><b>RFQ</b> |  | <b>LM567CM/NOPB</b><br>Manufacturers: N/A<br>Description: IC TONE DECODR PHAS LOC LP 8SOIC<br>In stock: 42684 pcs<br><b>RFQ</b>  |
|  | <b>LM567CMX</b><br>Manufacturers: N/A<br>Description: IC TONE DECODR PHAS LOC LP 8SOIC<br>In stock: 2829 pcs<br><b>RFQ</b>  |  | <b>LM5642XMT/NOPB</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR BUCK 28TSSOP<br>In stock: 21826 pcs<br><b>RFQ</b>       |
|  | <b>LM565CN/NOPB</b><br>Manufacturers: N/A<br>Description: IC PHASE LOCKED LOOP 14-DIP<br>In stock: 5333 pcs<br><b>RFQ</b>   |  | <b>LM5642XMH/NOPB</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR BUCK 28TSSOP<br>In stock: 19712 pcs<br><b>RFQ</b>       |