



IDT (Integrated Device Technology)

Technology)



TSE2002B3CNRG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TSE2002B3CNRG                                                                                                |
| Manufacturer/Brand: | IDT (Integrated Device Technology)                                                                           |
| Product description | IC TEMP SENS EEPROM DFN-8                                                                                    |
| Datasheets:         |  TSE2002B3CNRG.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6451 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

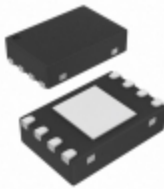
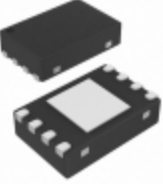
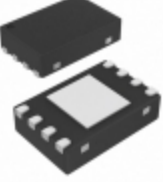
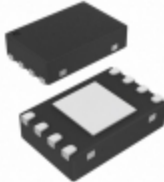
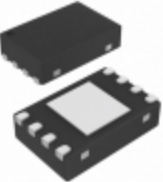
Specifications of TSE2002B3CNRG

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TSE2002B3CNRG                                                                                                |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                                                           |
| DESCRIPTION                      | IC TEMP SENS EEPROM DFN-8                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| QUANTITY AVAILABLE               | 6451 pcs                                                                                                     |
| DATA SHEET                       |  TSE2002B3CNRG.pdf        |
| VOLTAGE - SUPPLY                 | 3 V ~ 3.6 V                                                                                                  |
| TOPOLOGY                         | ADC (Sigma Delta), Control Logic, Register Bank                                                              |
| SUPPLIER DEVICE PACKAGE          | 8-VFQFPN (2x3)                                                                                               |
| SERIES                           | -                                                                                                            |
| SENSOR TYPE                      | Internal                                                                                                     |
| SENSING TEMPERATURE              | -20°C ~ 125°C                                                                                                |
| PACKAGING                        | Tube                                                                                                         |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                                                           |
| OUTPUT TYPE                      | 2-Wire Serial, I²C/SMBUS                                                                                     |
| OUTPUT FAN                       | No                                                                                                           |
| OUTPUT ALARM                     | No                                                                                                           |
| OTHER NAMES                      | IDTTSE2002B3CNRG<br>IDTTSE2002B3CNRG-ND                                                                      |
| OPERATING TEMPERATURE            | -20°C ~ 125°C                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| FUNCTION                         | Temp Monitoring System (Sensor)                                                                              |
| DETAILED DESCRIPTION             | Temp Monitoring System (Sensor) -20°C ~ 125°C Internal Sensor 2-Wire Serial, I²C/SMBUS Output 8-VFQFPN (2x3) |
| BASE PART NUMBER                 | IDTTSE2002                                                                                                   |
| ACCURACY                         | ±1°C(Max)                                                                                                    |

Related Tags

|                                                     |                                                  |                                                      |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------|
| IDT (Integrated Device Technology) TSE2002B3CNRG    | TSE2002B3CNRG Distributor                        | TSE2002B3CNRG Supplier                               |
| TSE2002B3CNRG Price                                 | TSE2002B3CNRG Pictures                           | TSE2002B3CNRG Image                                  |
| TSE2002B3CNRG PDF Datasheet                         | TSE2002B3CNRG Download Datasheet                 | TSE2002B3CNRG Datasheet                              |
| TSE2002B3CNRG Stock                                 | Buy TSE2002B3CNRG                                | Buy IDT (Integrated Device Technology) TSE2002B3CNRG |
| IDT (Integrated Device Technology) TSE2002B3CNRG    | IDT (Integrated Device Technology) Supplier      | IDT (Integrated Device Technology) Distributor       |
| IDT (Integrated Device Technology) TSE2002B3CNRG    | IDT TSE2002B3CNRG                                | IDT (Integrated Device Technology) TSE2002B3CNRG     |
| IDT, Integrated Device Technology Inc TSE2002B3CNRG | Integrated Device Technology (IDT) TSE2002B3CNRG |                                                      |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>TSE2004GB2B0NCG8</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: TEMPERATURE SENSOR FOR DDR4<br/>In stock: 18276 pcs<br/>RFQ</div> |  <div><b>TSE2002B3CNRG8</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC TEMP SENS EEPROM DFN-8<br/>In stock: 4364 pcs<br/>RFQ</div>    |
|  <div><b>TSE-20-01</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: CONN WIRE SPLICE SZ20<br/>In stock: 5666 pcs<br/>RFQ</div>                 |  <div><b>TSE2002GB2A1NCG</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC TEMP SENS EEPROM DFN-8<br/>In stock: 5911 pcs<br/>RFQ</div>   |
|  <div><b>TSE2002GB2A1NRG</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC TEMP SENS EEPROM DFN-8<br/>In stock: 5716 pcs<br/>RFQ</div>     |  <div><b>TSE2002GB2A1NCG8</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC TEMP SENS EEPROM DFN-8<br/>In stock: 44589 pcs<br/>RFQ</div> |
|  <div><b>TSE2002GB2A1NRG8</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC TEMP SENS EEPROM DFN-8<br/>In stock: 65773 pcs<br/>RFQ</div>   |  <div><b>TSE-16-01 [V003]</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: JUNCTION ASSY<br/>In stock: 1789 pcs<br/>RFQ</div>                |
|  <div><b>TSE2002B3CNCG8</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC TEMP SENS EEPROM TDFN-8<br/>In stock: 34331 pcs<br/>RFQ</div>    |  <div><b>TSE2002B3CNCG</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC TEMP SENS EEPROM TDFN-8<br/>In stock: 6209 pcs<br/>RFQ</div>    |
|  <div><b>TSE-20-01 [V003]</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: JUNCTION ASSY<br/>In stock: 2071 pcs<br/>RFQ</div>                  |  <div><b>TSE-22-01 [V003]</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: JUNCTION ASSY<br/>In stock: 2750 pcs<br/>RFQ</div>                |