



MAX942ESA-T

|                     |                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX942ESA-T                                                                                                 |
| Manufacturer/Brand: | Maxim Integrated                                                                                            |
| Product description | IC COMPARATR DUAL R-R 3/5V 8SOIC                                                                            |
| Datasheets:         | <div><div>PDF</div><div>1.MAX942ESA-T.pdf</div></div> <div><div>PDF</div><div>2.MAX942ESA-T.pdf</div></div> |
| RoHs Status         | <div><div>RoHS</div><div>Contains lead / RoHS non-compliant</div></div>                                     |
| Stock Condition     | 2804 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                       |

REQUEST FOR QUOTATION

Specifications of MAX942ESA-T

|                                   |                                                                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | MAX942ESA-T                                                                                                 |
| MANUFACTURER                      | Maxim Integrated                                                                                            |
| DESCRIPTION                       | IC COMPARATR DUAL R-R 3/5V 8SOIC                                                                            |
| LEAD FREE STATUS / ROHS STATUS    | Contains lead / RoHS non-compliant                                                                          |
| QUANTITY AVAILABLE                | 2804 pcs                                                                                                    |
| DATA SHEET                        | <div><div>PDF</div><div>1.MAX942ESA-T.pdf</div></div> <div><div>PDF</div><div>2.MAX942ESA-T.pdf</div></div> |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 2.7 V ~ 5.5 V                                                                                               |
| VOLTAGE - INPUT OFFSET (MAX)      | 2mV @ 5.5V                                                                                                  |
| TYPE                              | General Purpose                                                                                             |
| SUPPLIER DEVICE PACKAGE           | 8-SOIC                                                                                                      |
| SERIES                            | -                                                                                                           |
| PROPAGATION DELAY (MAX)           | 80ns                                                                                                        |
| PACKAGING                         | Tape & Reel (TR)                                                                                            |
| PACKAGE / CASE                    | 8-SOIC (0.154", 3.90mm Width)                                                                               |
| OUTPUT TYPE                       | CMOS, Push-Pull, TTL                                                                                        |
| OPERATING TEMPERATURE             | -40°C ~ 85°C                                                                                                |
| NUMBER OF ELEMENTS                | 2                                                                                                           |
| MOUNTING TYPE                     | Surface Mount                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                               |
| LEAD FREE STATUS / ROHS STATUS    | Contains lead / RoHS non-compliant                                                                          |
| HYSTERESIS                        | -                                                                                                           |
| DETAILED DESCRIPTION              | Comparator General Purpose CMOS, Push-Pull, TTL 8-SOIC                                                      |
| CURRENT - QUIESCENT (MAX)         | 600µA                                                                                                       |
| CURRENT - OUTPUT (TYP)            | -                                                                                                           |
| CURRENT - INPUT BIAS (MAX)        | 0.15µA @ 5.5V                                                                                               |
| CMRR, PSRR (TYP)                  | 81.94dB CMRR, 81.94dB PSRR                                                                                  |
| BASE PART NUMBER                  | MAX942                                                                                                      |

Related Tags

|                              |                                |                                  |
|------------------------------|--------------------------------|----------------------------------|
| Maxim Integrated MAX942ESA-T | MAX942ESA-T Distributor        | MAX942ESA-T Supplier             |
| MAX942ESA-T Price            | MAX942ESA-T Pictures           | MAX942ESA-T Image                |
| MAX942ESA-T PDF Datasheet    | MAX942ESA-T Download Datasheet | MAX942ESA-T Datasheet            |
| MAX942ESA-T Stock            | Buy MAX942ESA-T                | Buy Maxim Integrated MAX942ESA-T |
| Maxim Integrated MAX942ESA-T | Maxim Integrated Supplier      | Maxim Integrated Distributor     |
| Maxim Integrated MAX942ESA-T |                                |                                  |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MAX944CPD</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR QUAD R-R LP 14-DIP<br/>In stock: 2829 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MAX942EUA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-UMAX<br/>In stock: 29653 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>MAX942EUA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-UMAX<br/>In stock: 28283 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MAX942ESA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-SOIC<br/>In stock: 28639 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>MAX942ESA</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATR DUAL R-R 3/5V 8SOIC<br/>In stock: 4961 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MAX942MSA/PR-T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR HS LP RR<br/>In stock: 2922 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>MAX942EPA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-DIP<br/>In stock: 20018 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>MAX942ESA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATR DUAL R-R 3/5V 8SOIC<br/>In stock: 28204 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MAX942EPA</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR DUAL R-R LP 8-DIP<br/>In stock: 6918 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MAX942EUA</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-UMAX<br/>In stock: 2771 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>MAX942MSA/PR</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR HS LP RR<br/>In stock: 3135 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>MAX942CUA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-UMAX<br/>In stock: 34811 pcs<br/><div>RFQ</div></div>        |