



MAX942CSA

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX942CSA                                                                                                            |
| Manufacturer/Brand: | Maxim Integrated                                                                                                     |
| Product description | IC COMPARATOR DUAL 3V/5V 8-SOIC                                                                                      |
|                     |  1.MAX942CSA.pdf                    |
|                     |  2.MAX942CSA.pdf                    |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 4420 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MAX942CSA

|                                   |                                                                                                                                                                                                            |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | MAX942CSA                                                                                                                                                                                                  |
| MANUFACTURER                      | Maxim Integrated                                                                                                                                                                                           |
| DESCRIPTION                       | IC COMPARATOR DUAL 3V/5V 8-SOIC                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS    | Contains lead / RoHS non-compliant                                                                                                                                                                         |
| QUANTITY AVAILABLE                | 4420 pcs                                                                                                                                                                                                   |
| DATA SHEET                        |  1.MAX942CSA.pdf<br> 2.MAX942CSA.pdf |
| 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                         | Tube                                                                                                                                                                                                       |
| PACKAGE / CASE                    | 8-SOIC (0.154", 3.90mm Width)                                                                                                                                                                              |
| OUTPUT TYPE                       | CMOS, Push-Pull, TTL                                                                                                                                                                                       |
| OPERATING TEMPERATURE             | 0°C ~ 70°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 MAX942CSA | MAX942CSA Distributor        | MAX942CSA Supplier             |
| MAX942CSA Price            | MAX942CSA Pictures           | MAX942CSA Image                |
| MAX942CSA PDF Datasheet    | MAX942CSA Download Datasheet | MAX942CSA Datasheet            |
| MAX942CSA Stock            | Buy MAX942CSA                | Buy Maxim Integrated MAX942CSA |
| Maxim Integrated MAX942CSA | Maxim Integrated Supplier    | Maxim Integrated Distributor   |
| Maxim Integrated MAX942CSA |                              |                                |

Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MAX942AUA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-UMAX<br/>In stock: 28549 pcs<br/><div>RFQ</div></div>         |  <div><b>MAX942CSA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR DUAL 3V/5V 8-SOIC<br/>In stock: 34872 pcs<br/><div>RFQ</div></div> |
|  <div><b>MAX942CPA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-DIP<br/>In stock: 27178 pcs<br/><div>RFQ</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><b>MAX941EUA-T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR SGL R-R 3/5V 8UMAX<br/>In stock: 5175 pcs<br/><div>RFQ</div></div> |  <div><b>MAX9425EHJ+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TRANSLATOR TQFP<br/>In stock: 5419 pcs<br/><div>RFQ</div></div>              |
|  <div><b>MAX942CSA-T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR DUAL R-R LP 8-SOIC<br/>In stock: 2959 pcs<br/><div>RFQ</div></div> |  <div><b>MAX942C/D</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC OPERATIONAL AMP<br/>In stock: 4033 pcs<br/><div>RFQ</div></div>                |
|  <div><b>MAX942CUA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-UMAX<br/>In stock: 26696 pcs<br/><div>RFQ</div></div>         |  <div><b>MAX942CSA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-SOIC<br/>In stock: 32703 pcs<br/><div>RFQ</div></div>       |
|  <div><b>MAX942AUA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC COMPARATOR R-R 8-UMAX<br/>In stock: 39143 pcs<br/><div>RFQ</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>       |