

LG126Z223MAT2S1



**Part Number:** [LG126Z223MAT2S1](#)

**Manufacturer:** [AVX Corporation](#)

**Description:** CAP CER 0.022UF 6.3V X7S 0204

**Data sheet:**  [Ceramic Chip Capacitor Catalog](#)  
 [LGA Low Inductance Capacitors](#)

**RoHs Status:** Lead free / RoHS Compliant

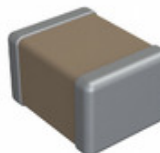
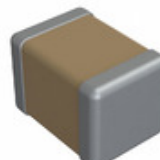
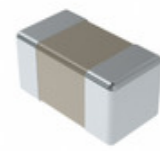
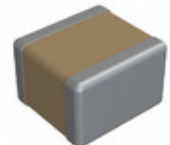
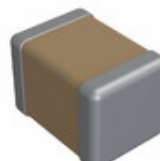
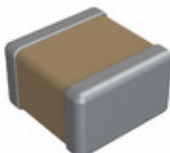
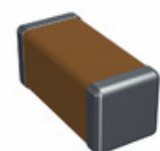
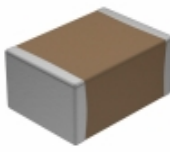
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                            |                                  |                                                                                                 |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------|---------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LG126Z223MAT2S1                                            | Manufacturer                     | <a href="#">AVX Corporation</a>                                                                 |         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CAP CER 0.022UF 6.3V X7S 0204                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                      |         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 126578 pcs                                                 | Data sheet                       | <a href="#">Ceramic Chip Capacitor Catalog</a><br><a href="#">LGA Low Inductance Capacitors</a> |         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Capacitors</a>                                 | Voltage - Rated                  | 6.3V                                                                                            |         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ±20%                                                       | Thickness (Max)                  | 0.022" (0.55mm)                                                                                 |         |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                         | X7S                                                        | Size / Dimension                 | 0.020" L x 0.039" W (0.50mm x 1.00mm)                                                           |         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LG12 (LGA)                                                 | Ratings                          | -                                                                                               |         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tape & Reel (TR)                                           | Package / Case                   | 0204 (0610 Metric)                                                                              |         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 478-5504-2<br>LG126Z223MAT2S1/4K<br>LG126Z223MAT2S1/4K     | Operating Temperature            | -55°C ~ 125°C                                                                                   |         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Mount, MLCC                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                   |         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14 Weeks                                                   | Lead Style                       | -                                                                                               |         |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                      |         |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                          | Features                         | Low ESL (Reverse Geometry)                                                                      |         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.022μF ±20% 6.3V Ceramic Capacitor X7S 0204 (0610 Metric) |                                  | Capacitance                                                                                     | 0.022μF |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Bypass, Decoupling                                         |                                  |                                                                                                 |         |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                             |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LG126Z104MAT2S1</a><br>Description: CAP CER 0.1UF 6.3V X7S 0204         | Manufacturers: <a href="#">AVX Corporation</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LG1152 DAISY CHAIN</a><br>Description: DAISY CHAIN PKG MECH 1152-CLGA   | Manufacturers: <a href="#">Microsemi</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LG126Z103MAT2S1</a><br>Description: CAP CER 10000PF 6.3V X7S 0204       | Manufacturers: <a href="#">AVX Corporation</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1210J1K00102FCT</a><br>Description: CAP CER 1000PF 1KV C0G/NP0 1210     | Manufacturers: <a href="#">Knowles Syfer</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0630683KDT</a><br>Description: CAP CER 0.068UF 63V X7R 1812        | Manufacturers: <a href="#">Knowles Syfer</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X561J8HACAUTO</a><br>Description: CAP CER 0603 560PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225J0500392FCR</a><br>Description: CAP CER 3900PF 50V C0G/NP0 2225     | Manufacturers: <a href="#">Knowles Syfer</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LG126D104MAT2S1</a><br>Description: CAP CER 0.1UF 6.3V X5R 0204         | Manufacturers: <a href="#">AVX Corporation</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y1000183KFR</a><br>Description: CAP CER 0.018UF 100V C0G 1812       | Manufacturers: <a href="#">Knowles Syfer</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LG126Z473MAT2S1</a><br>Description: CAP CER 0.047UF 6.3V X7S 0204       | Manufacturers: <a href="#">AVX Corporation</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y0160271JXR</a><br>Description: CAP CER 270PF 16V X7R 1206          | Manufacturers: <a href="#">Knowles Syfer</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LG1272 DAISY CHAIN</a><br>Description: DAISY CHAIN PKG MECH 1272-CLGA   | Manufacturers: <a href="#">Microsemi</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1111Y6300111GQT</a><br>Description: CAP CER 110PF 630V C0G/NP0 1111     | Manufacturers: <a href="#">Knowles Syfer</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CKR22CH1R5DP</a><br>Description: CAP CER 1.5PF 200V C0H 2-DIP           | Manufacturers: <a href="#">AVX Corporation</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808CC393MAT1A</a><br>Description: CAP CER 0.039UF 630V X7R 1808        | Manufacturers: <a href="#">AVX Corporation</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GCM0335C1E120JD03D</a><br>Description: CAP CER 12PF 25V NP0 0201        | Manufacturers: <a href="#">Murata Electronics</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LG1657 DAISY CHAIN</a><br>Description: DAISY CHAIN PKG MECH             | Manufacturers: <a href="#">Microsemi</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AQ11EM560FA7BE</a><br>Description: CAP CER 56PF 150V 0505               | Manufacturers: <a href="#">AVX Corporation</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GA1812Y274MBAAT31G</a><br>Description: CAP CER 0.27UF 50V X7R 1812      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">VJ1812Y332KBEAT4X</a><br>Description: CAP CER 3300PF 500V X7R 1812      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |

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