

CL31B102KGFNNNF





Part Number: [CL31B102KGFNNNF](#)

Manufacturer: [Samsung Electro-Mechanics America, Inc.](#)

Description: CAP CER 1000PF 500V X7R 1206

Data sheet:  [CL Series, MLCC Datasheet](#)  
 [MLCC Catalog](#)  
 [CL31B102KGFNNNF Spec](#)  
 [CL31B102KGFNNNF Characteristics](#)

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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                           |                                |                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CL31B102KGFNNNF                                           | Manufacturer                   | <a href="#">Samsung Electro-Mechanics America, Inc.</a>                                                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CAP CER 1000PF 500V X7R 1206                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2132133 pcs                                               | Data sheet                     | <a href="#">CL Series, MLCC Datasheet</a><br><a href="#">MLCC Catalog</a><br><a href="#">CL31B102KGFNNNF Spec</a><br><a href="#">CL31B102KGFNNNF Characteristics</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a>                                | Voltage - Rated                | 500V                                                                                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±10%                                                      | Thickness (Max)                | 0.055" (1.40mm)                                                                                                                                                      |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | X7R                                                       | Size / Dimension               | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CL                                                        | Ratings                        | -                                                                                                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tape & Reel (TR)                                          | Package / Case                 | 1206 (3216 Metric)                                                                                                                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -55°C ~ 125°C                                             | Mounting Type                  | Surface Mount, MLCC                                                                                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                                             | Lead Style                     | -                                                                                                                                                                    |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                         | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                           |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                         | Features                       | -                                                                                                                                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1000pF ±10% 500V Ceramic Capacitor X7R 1206 (3216 Metric) | Capacitance                    | 1000pF                                                                                                                                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | General Purpose                                           |                                |                                                                                                                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Samsung Electro-Mechanics America, Inc. series electronic components. We have 2132133 pieces of Samsung Electro-Mechanics America, Inc. CL31B102KGFNNNF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                           |                                |                                                                                                                                                                      |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                                        |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">CL31A476MQHNNNE</a><br>Description: CAP CER 47UF 6.3V X5R 1206       | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KGFNNNE</a><br>Description: CAP CER 1000PF 500V X7R 1206     | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31A476MPHNNNE</a><br>Description: CAP CER 47UF 10V X5R 1206        | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KHFSFNE</a><br>Description: CAP CER 1000PF 630V X7R 1206     | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31A476MQHNNWE</a><br>Description: CAP CER 47UF 6.3V X5R 1206       | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31A476KQHNNNE</a><br>Description: CAP CER 47UF 6.3V X5R 1206       | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KCCNNNC</a><br>Description: CAP CER 1000PF 100V X7R 1206     | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102MJHNNNE</a><br>Description: CAP CER 1000PF 2KV X7R 1206      | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KHFNFNE</a><br>Description: CAP CER 1000PF 630V X7R 1206     | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KJHNNNE</a><br>Description: CAP CER 1000PF 2KV X7R 1206      | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KBCNNNC</a><br>Description: CAP CER 1000PF 50V X7R 1206      | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KHFNNNE</a><br>Description: CAP CER 1000PF 630V X7R 1206     | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KIFSFNE</a><br>Description: CAP CER 1000PF 1KV X7R 1206      | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KIFNFNE</a><br>Description: CAP CER 1000PF 1KV X7R 1206      | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KIFNNNE</a><br>Description: CAP CER 1000PF 1KV X7R 1206      | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B103JBCNNNC</a><br>Description: CAP CER 10000PF 50V X7R 1206     | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KGFNFNE</a><br>Description: CAP CER 1000PF 500V X7R 1206     | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KHFSW6E</a><br>Description: MLCC 3216(1206) X7R 1Nf 10% 630V | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KDCNNNC</a><br>Description: CAP CER 1000PF 200V X7R 1206     | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL31B102KBCNNND</a><br>Description: CAP CER 1000PF 50V X7R 1206      | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |

| Related keywords for CL31B102KGFNNNF    |                                         |                                           |                                         |
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