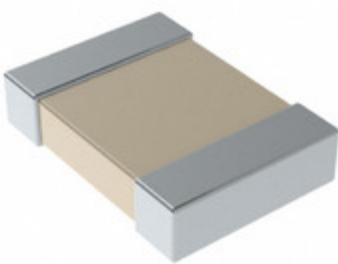


C1812X682K1HACAUTO





**Part Number:** [C1812X682K1HACAUTO](#)

**Manufacturer:** [KEMET](#)

**Description:** CAP CER 1812 6.8NF 100V ULTRA ST

**Data sheet:**  [FT-CAP, Ultra Stable, X8R Dielectric](#)

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

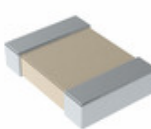
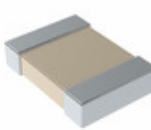
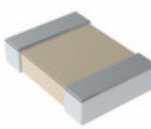
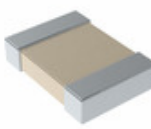
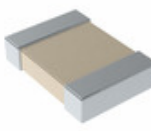
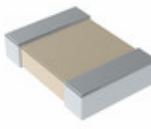
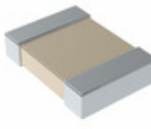
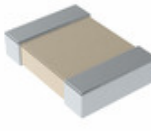
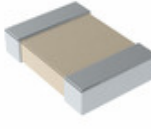
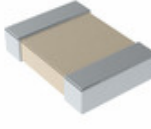
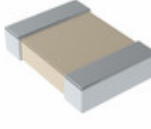
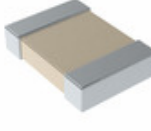
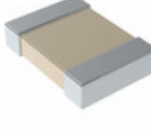
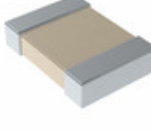
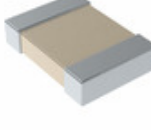
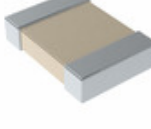
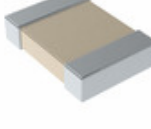
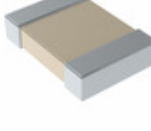
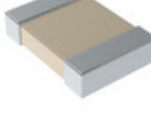
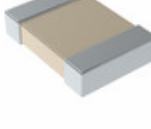
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                 | C1812X682K1HACAUTO                                        | Manufacturer                    | <a href="#">KEMET</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 1812 6.8NF 100V ULTRA ST                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 303636 pcs                                                | Data sheet                      | <a href="#">FT-CAP, Ultra Stable, X8R Dielectric</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>                                | Voltage - Rated                 | 100V                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±10%                                                      | Thickness (Max)                 | 0.043" (1.10mm)                                      |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                     | X8R                                                       | Size / Dimension                | 0.177" L x 0.126" W (4.50mm x 3.20mm)                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                      | FT-CAP                                                    | Ratings                         | AEC-Q200                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                                          | Package / Case                  | 1812 (4532 Metric)                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                       | -55°C ~ 150°C                                             | Mounting Type                   | Surface Mount, MLCC                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                                             | Manufacturer Standard Lead Time | 36 Weeks                                             |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                         | Lead Spacing                    | -                                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                | Height - Seated (Max)           | -                                                    |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                    | Low ESL, Soft Termination                                 | Failure Rate                    | -                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                        | 6800pF ±10% 100V Ceramic Capacitor X8R 1812 (4532 Metric) | Capacitance                     | 6800pF                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                | Automotive, Boardflex Sensitive                           |                                 |                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all KEMET series electronic components. We have 303636 pieces of KEMET C1812X682K1HACAUTO 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="#">C1812X682J5HACAUTO</a><br>Description: CAP CER 1812 6.8NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682M5HAC7800</a><br>Description: CAP CER 1812 6.8NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682G5HAC7800</a><br>Description: CAP CER 1812 6.8NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682M1HACAUTO</a><br>Description: CAP CER 1812 6.8NF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682J1HAC7800</a><br>Description: CAP CER 1812 6.8NF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X683F4JAC7800</a><br>Description: CAP CER 0.068UF 16V U2J 1812     | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682G5HACAUTO</a><br>Description: CAP CER 1812 6.8NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X683F3JAC7800</a><br>Description: CAP CER 0.068UF 25V U2J 1812     | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682M1HAC7800</a><br>Description: CAP CER 1812 6.8NF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682K5HACAUTO</a><br>Description: CAP CER 1812 6.8NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682J5HAC7800</a><br>Description: CAP CER 1812 6.8NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682G1HACAUTO</a><br>Description: CAP CER 1812 6.8NF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682G1HAC7800</a><br>Description: CAP CER 1812 6.8NF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682J1HACAUTO</a><br>Description: CAP CER 1812 6.8NF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X683F3JACAUTO</a><br>Description: CAP CER 0.068UF 25V U2J 1812     | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682KGRACTU</a><br>Description: CAP CER 6800PF 2KV X7R 1812        | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682F5HACAUTO</a><br>Description: CAP CER 1812 6.8NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682K1HAC7800</a><br>Description: CAP CER 1812 6.8NF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682K5HAC7800</a><br>Description: CAP CER 1812 6.8NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X682M5HACAUTO</a><br>Description: CAP CER 1812 6.8NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |

| Related keywords for C1812X682K1HACAUTO |                                |                             |                          |
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