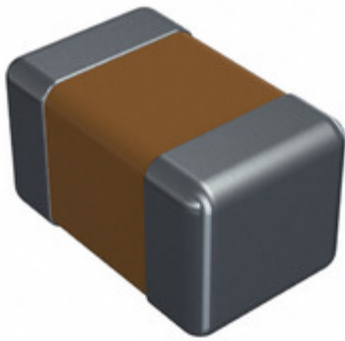


08051U820FAT2A



**Part Number:** 08051U820FAT2A

**Manufacturer:** AVX Corporation

**Description:** CAP CER 82PF 100V NP0 0805

**Data sheet:**  [Ceramic Chip Capacitor Catalog](#)  
 [U Series, Ultra Low](#)

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

**Ship From:** Hong Kong

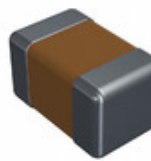
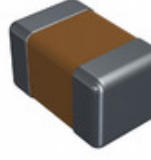
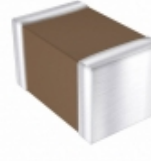
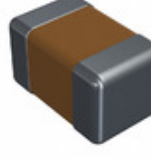
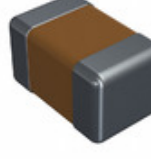
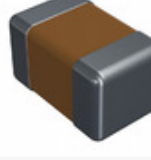
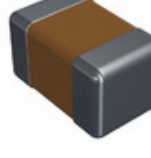
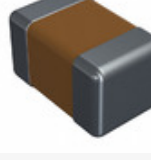
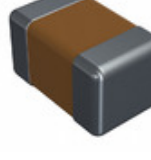
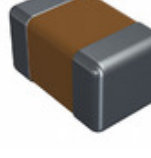
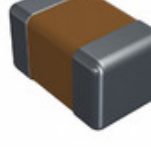
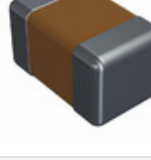
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                            |                                 |                                                                                       |
|----------------------------------|----------------------------|---------------------------------|---------------------------------------------------------------------------------------|
| Part Number                      | 08051U820FAT2A             | Manufacturer                    | <a href="#">AVX Corporation</a>                                                       |
| Description                      | CAP CER 82PF 100V NP0 0805 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                            |
| Quantity Available               | 391434 pcs                 | Data sheet                      | <a href="#">Ceramic Chip Capacitor Catalog</a><br><a href="#">U Series, Ultra Low</a> |
| Category                         | <a href="#">Capacitors</a> | Voltage - Rated                 | 100V                                                                                  |
| Tolerance                        | ±1%                        | Thickness (Max)                 | 0.045" (1.15mm)                                                                       |
| Temperature Coefficient          | C0G, NP0                   | Size / Dimension                | 0.079" L x 0.049" W (2.01mm x 1.25mm)                                                 |
| Series                           | U                          | Ratings                         | -                                                                                     |
| Packaging                        | Tape & Reel (TR)           | Package / Case                  | 0805 (2012 Metric)                                                                    |
| Operating Temperature            | -55°C ~ 125°C              | Mounting Type                   | Surface Mount, MLCC                                                                   |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)              | Manufacturer Standard Lead Time | 16 Weeks                                                                              |
| Lead Style                       | -                          | Lead Spacing                    | -                                                                                     |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant | Height - Seated (Max)           | -                                                                                     |
| Features                         | Ultra Low ESR              | Detailed Description            | 82pF ±1% 100V Ceramic Capacitor C0G, NP0 0805 (2012 Metric)                           |
| Capacitance                      | 82pF                       | Applications                    | RF, Microwave, High Frequency                                                         |

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|  | Part#: <a href="#">08051U8R2DAT2A</a><br>Description: CAP CER 8.2PF 100V C0G/NP0 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U750GAT2A</a><br>Description: CAP CER 75PF 100V NP0 0805      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U6R8CAT2A</a><br>Description: CAP CER 6.8PF 100V NP0 0805     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U6R8DAT2A</a><br>Description: CAP CER 6.8PF 100V NP0 0805     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U8R2CAT2A</a><br>Description: CAP CER 8.2PF 100V NP0 0805     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U7R5DAT2A</a><br>Description: CAP CER 7.5PF 100V NP0 0805     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U910JAT2A</a><br>Description: CAP CER 91PF 100V NP0 0805      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U6R8BAT2A</a><br>Description: CAP CER 6.8PF 100V NP0 0805     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U910FAT2A</a><br>Description: CAP CER 91PF 100V C0G/NP0 0805  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U8R2DAT4A</a><br>Description: CAP CER 8.2PF 100V C0G/NP0 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U7R5CAT4A</a><br>Description: CAP CER 7.5PF 100V C0G/NP0 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U820JAT2A</a><br>Description: CAP CER 82PF 100V NP0 0805      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U7R5CAT2A</a><br>Description: CAP CER 7.5PF 100V C0G/NP0 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U910FAT9A</a><br>Description: CAP CER 91PF 100V C0G/NP0 0805  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U910GAT2A</a><br>Description: CAP CER 91PF 100V NP0 0805      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">08051U6R2DAT2A</a><br>Description: CAP CER 6.2PF 100V NP0 0805     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
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