

RFS1A100MCN1GB



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See Product Specifications for product details.  
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**nichicon**

**Part Number:** [RFS1A100MCN1GB](#)

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

**Description:** CAP ALUM POLY 10UF 20% 10V SMD

**Data sheet:**  [RFS, RFA Series](#)  
 [Chip Type Tape Spec](#)  
 [Polymer Aluminum Land, Reflow](#)

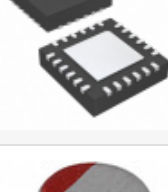
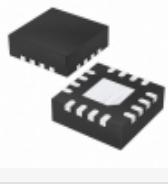
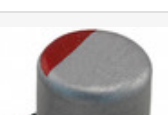
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                 |                                    |                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | RFS1A100MCN1GB                                                                  | Manufacturer                       | <a href="#">Nichicon</a>                                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | CAP ALUM POLY 10UF 20% 10V SMD                                                  | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 357843 pcs                                                                      | Data sheet                         | <a href="#">RFS, RFA Series</a><br><a href="#">Chip Type Tape Spec</a><br><a href="#">Polymer Aluminum Land, Reflow</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a>                                                      | Voltage - Rated                    | 10V                                                                                                                     |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | Polymer                                                                         | Tolerance                          | ±20%                                                                                                                    |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.169" L x 0.169" W (4.30mm x 4.30mm)                                           | Size / Dimension                   | 0.157" Dia (4.00mm)                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                        | FPCAP, RFS                                                                      | Ripple Current @ Low Frequency     | 70mA @ 120Hz                                                                                                            |
| Ripple Current @ High Frequency                                                                                                                                                                                                                                                                                                                                                                                                               | 700mA @ 100kHz                                                                  | Ratings                            | -                                                                                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tape & Reel (TR)                                                                | Package / Case                     | Radial, Can - SMD                                                                                                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                   | 493-3682-2                                                                      | Operating Temperature              | -55°C ~ 105°C                                                                                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount                                                                   | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                               | 18 Weeks                                                                        | Lifetime @ Temp.                   | 2000 Hrs @ 105°C                                                                                                        |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                               | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                                              |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.205" (5.20mm)                                                                 | ESR (Equivalent Series Resistance) | 220 mOhm                                                                                                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                          | 10µF 10V Aluminum Polymer Capacitor Radial, Can - SMD 220 mOhm 2000 Hrs @ 105°C | Capacitance                        | 10µF                                                                                                                    |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                  | General Purpose                                                                 |                                    |                                                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                         |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------|----------------|
|  | Part#: <a href="#">RFS0J121MCN1GS</a><br>Description: CAP ALUM POLY 120UF 20% 6.3V SMD | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFS0E181MCN1GS</a><br>Description: CAP ALUM POLY 180UF 20% 2.5V SMD | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFS1C390MCN1GS</a><br>Description: CAP ALUM POLY 39UF 20% 16V SMD   | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFS0J470MCN1GS</a><br>Description: CAP ALUM POLY 47UF 20% 6.3V SMD  | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFS06ZE-M6G</a><br>Description: DC DC CONVERTER 3.3V 20W            | Manufacturers: <a href="#">Bel</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">RFS1E270MCN1GS</a><br>Description: CAP ALUM POLY 27UF 20% 25V SMD   | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFS06ZB-M6</a><br>Description: DC DC CONVERTER 1.8V 20W             | Manufacturers: <a href="#">Bel</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">RFSA2524</a><br>Description: RF ATTENUATOR 31DB 24LFQFN             | Manufacturers: <a href="#">RFMD</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">RFS0G151MCN1GS</a><br>Description: CAP ALUM POLY 150UF 20% 4V SMD   | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFS1A680MCN1GS</a><br>Description: CAP ALUM POLY 68UF 20% 10V SMD   | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFS1E220MCN1GS</a><br>Description: CAP ALUM POLY 22UF 20% 25V SMD   | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFSA2023TR7</a><br>Description: IC VOLTAGE CNTRL D ATTEN 16QFN      | Manufacturers: <a href="#">RFMD</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">RFS0J101MCN1GS</a><br>Description: CAP ALUM POLY 100UF 20% 6.3V SMD | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFS0G101MCN1GS</a><br>Description: CAP ALUM POLY 100UF 20% 4V SMD   | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFS06ZD-M6</a><br>Description: DC DC CONVERTER 2.5V 20W             | Manufacturers: <a href="#">Bel</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">RFS1C330MCN1GS</a><br>Description: CAP ALUM POLY 33UF 20% 16V SMD   | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFS06ZE-M6</a><br>Description: DC DC CONVERTER 3.3V 20W             | Manufacturers: <a href="#">Bel</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">RFS1C220MCN1GS</a><br>Description: CAP ALUM POLY 22UF 20% 16V SMD   | Manufacturers: <a href="#">Nichicon</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RFSA2013TR7</a><br>Description: IC VOLTAGE CNTRL D ATTEN 16QFN      | Manufacturers: <a href="#">RFMD</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">RFSA2514</a><br>Description: RF ATTENUATOR 15.5DB 24LFQFN           | Manufacturers: <a href="#">RFMD</a>     | <div>RFQ</div> |

Related keywords for RFS1A100MCN1GB

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