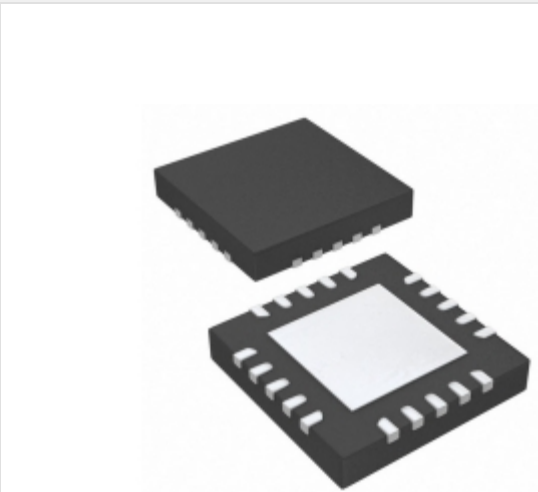


CAP1166-1-BP-TR





**Part Number:** [CAP1166-1-BP-TR](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC TOUCH SENSOR/LED DRVR 20QFN

**Data sheet:**  [CAP1166](#)

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

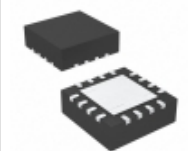
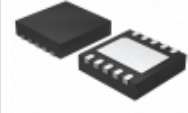
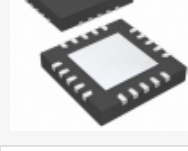
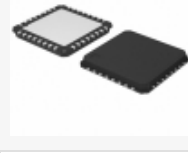
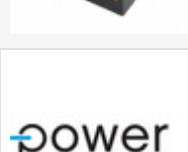
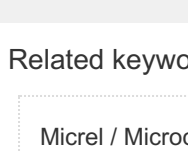
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy CAP1166-1-BP-TR with confidence from  
Component-World.HK, 1 Year Warranty

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                 |                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP1166-1-BP-TR                           | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC TOUCH SENSOR/LED DRVR 20QFN            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 61387 pcs                                 | Data sheet                      | <a href="#">CAP1166</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 3 V ~ 3.6 V                                   |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Buttons                                   | Supplier Device Package         | 20-QFN (4x4)                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Resolution                      | -                                             |
| Proximity Detection                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes                                       | Packaging                       | Cut Tape (CT)                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20-TQFN Exposed Pad                       | Other Names                     | CAP1166-1-BP-CT                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 125°C                             | Number of Inputs                | 6                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 6 Weeks                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                | LED Driver Channels             | 6                                             |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I <sup>2</sup> C, SMBus, SPI              | Detailed Description            | Capacitive Touch Buttons 20-QFN (4x4)         |
| Current - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 500µA                                     |                                 |                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 61387 pieces of Micrel / Microchip Technology CAP1166-1-BP-TR 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="#">CAP1126-1-AP-TR</a><br>Description: IC TOUCH SENSOR/LED DRVR 16QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1166-1-CZC-TR</a><br>Description: IC TOUCH SENSOR/LED DRVR 24QSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1105-1-AIA-TR</a><br>Description: IC TOUCH SENSOR/LED DRVR 10DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1206-1-SL</a><br>Description: 6-CHANNEL CAPACITIVE TOUCH SENSO     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1203-1-AC3-TR</a><br>Description: IC TOUCH SENSOR CAP 3CH 8TDFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1203-1-SN-TR</a><br>Description: IC TOUCH SENSOR CAP 3CH 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1005-1-AIA-TR</a><br>Description: IC TOUCH SENSOR/LED DRVR 10DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1166-1-BP-TR-DCC</a><br>Description: IC TOUCH SENSOR 6CH 20QFN 4X4 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1133-1-AIA-TR</a><br>Description: IC TOUCH SENSOR/LED DRVR 10DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1114-1-EZK-TR</a><br>Description: IC TOUCH SENSOR/LED DRVR 32VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1206-1-SL-TR</a><br>Description: IC TOUCH SENSOR CAP 6CH 14SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1106-1-AIA-TR</a><br>Description: IC TOUCH SENSOR 6CH 10VDFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1208-1-A4-TR</a><br>Description: IC TOUCH SENSOR CAP 8CH 16QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1188-1-CP-TR</a><br>Description: IC TOUCH SENSOR/LED DRVR 24VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1203-1-SN</a><br>Description: 3-CHANNEL CAPACITIVE TOUCH SENSO     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1128-1-BP-TR</a><br>Description: IC TOUCH SENSOR/LED DRVR 20QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP019DG</a><br>Description: IC CAPACITOR DISCHARGE 8SO               | Manufacturers: <a href="#">Power Integrations</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1206-1-AIA-TR</a><br>Description: IC TOUCH SENSOR CAP 6CH 10DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP019DG-TL</a><br>Description: IC CAPACITOR DISCHARGE 8SO            | Manufacturers: <a href="#">Power Integrations</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CAP1006-1-AIA-TR</a><br>Description: IC TOUCH SENSOR 6CH 10VDFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

| Related keywords for CAP1166-1-BP-TR          |                                      |                                                        |                       |
|-----------------------------------------------|--------------------------------------|--------------------------------------------------------|-----------------------|
| Micrel / Microchip Technology CAP1166-1-BP-TR | CAP1166-1-BP-TR distributor          | CAP1166-1-BP-TR supplier                               | CAP1166-1-BP-TR price |
| CAP1166-1-BP-TR download datasheet            | CAP1166-1-BP-TR datasheet            | CAP1166-1-BP-TR stock                                  | buy CAP1166-1-BP-TR   |
| Micrel / Microchip Technology CAP1166-1-BP-TR | Microchip Technology CAP1166-1-BP-TR | Roving Networks / Microchip Technology CAP1166-1-BP-TR |                       |