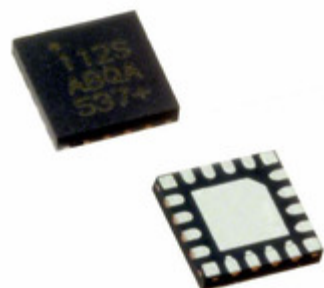


CPT112S-A01-GM



**SILICON LABS**

**Part Number:** [CPT112S-A01-GM](#)

**Manufacturer:** [Energy Micro \(Silicon Labs\)](#)

**Description:** CAP TOUCH CONTROLLER

**Data sheet:**  [CPT112S Errata](#)  
 [CPT112S Datasheet](#)

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

**Ship From:** Hong Kong

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

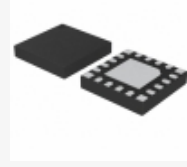
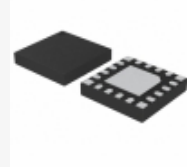
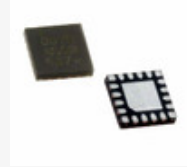
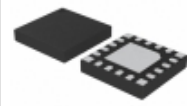
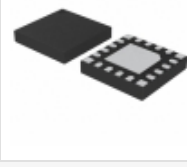
Images are for reference only.  
See Product Specifications for product details.  
**Buy CPT112S-A01-GM with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                |                                               |                                |                                                                     |
|----------------------------------|-----------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                      | CPT112S-A01-GM                                | Manufacturer                   | <a href="#">Energy Micro (Silicon Labs)</a>                         |
| Description                      | CAP TOUCH CONTROLLER                          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| Quantity Available               | 95346 pcs                                     | Data sheet                     | <a href="#">CPT112S Errata</a><br><a href="#">CPT112S Datasheet</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>     | Voltage - Supply               | 1.8 V ~ 3.6 V                                                       |
| Type                             | Buttons, Slider                               | Supplier Device Package        | 20-QFN (3x3)                                                        |
| Series                           | -                                             | Resolution                     | -                                                                   |
| Proximity Detection              | Yes                                           | Packaging                      | Tray                                                                |
| Package / Case                   | 20-UFQFN                                      | Other Names                    | 336-3474                                                            |
| Operating Temperature            | -40°C ~ 85°C                                  | Number of Inputs               | Up to 12                                                            |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| LED Driver Channels              | -                                             | Interface                      | I <sup>2</sup> C                                                    |
| Detailed Description             | Capacitive Touch Buttons, Slider 20-QFN (3x3) | Current - Supply               | 3.1mA                                                               |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 95346 pieces of Energy Micro (Silicon Labs) CPT112S-A01-GM in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.

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| RELATED PRODUCTS                                                                   |                                                                                         |                                                            |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">CPT12050D</a><br>Description: DIODE MODULE 50V 60A TO244AB           | Manufacturers: <a href="#">Microsemi</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT112S-A02-GM</a><br>Description: IC CTRL CAP TOUCH 12CH I2C 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT-4011C-600</a><br>Description: AUDIO PIEZO TRANSDUCER 60V TH      | Manufacturers: <a href="#">CUI, Inc.</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT112S-A01-GMR</a><br>Description: IC CTRL CAP TOUCH 12CH GPIO 20QF | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT12050</a><br>Description: DIODE MODULE 50V 60A TO244AB            | Manufacturers: <a href="#">Microsemi</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT007B-A02-GMR</a><br>Description: IC CTRL CAP TOUCH 7CH GPIO 20QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT20145</a><br>Description: DIODE MODULE 45V 100A TO244AB           | Manufacturers: <a href="#">Microsemi</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT007B-A01-GM</a><br>Description: CAP TOUCH CONTROLLER              | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT-4</a><br>Description: CORROSION PROTECTION KIT                   | Manufacturers: <a href="#">3M</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT-9019S-SMT-TR</a><br>Description: AUDIO PIEZO TRANSDUCER 25V SMD  | Manufacturers: <a href="#">CUI, Inc.</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT112S-A02-GMR</a><br>Description: IC CTRL CAP TOUCH 12CH I2C 20QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT112S-A02-GU</a><br>Description: 12 CHANNEL CAPACITIVE TOUCH CONT  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT112S-A02-GUR</a><br>Description: 12 CHANNEL CAPACITIVE TOUCH CONT | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT007B-A02-GUR</a><br>Description: 7 CHANNEL CAPACITIVE TOUCH CONTR | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT12050A</a><br>Description: DIODE MODULE 50V 60A TO244AB           | Manufacturers: <a href="#">Microsemi</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT06B14-15S-001</a><br>Description: PT 15C 1#16,14#20 SKT PLUG      | Manufacturers: <a href="#">Amphenol Industrial</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT007B-A02-GU</a><br>Description: 7 CHANNEL CAPACITIVE TOUCH CONTR  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT007B-A01-GMR</a><br>Description: IC CTRL CAP TOUCH 7CH GPIO 20QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT007B-A02-GM</a><br>Description: IC CTRL CAP TOUCH 7CH GPIO 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CPT20145A</a><br>Description: DIODE MODULE 45V 100A TO244AB          | Manufacturers: <a href="#">Microsemi</a>                   | <a href="#">RFQ</a> |

Related keywords for CPT112S-A01-GM

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