



Energy Micro (Silicon Labs)

### CPT112S-A02-GM

|                      |                                                                              |
|----------------------|------------------------------------------------------------------------------|
| Part Number:         | CPT112S-A02-GM                                                               |
| Manufacturer/Brand:  | Energy Micro (Silicon Labs)                                                  |
| Product description: | IC CTRL CAP TOUCH 12CH I2C 20QFN                                             |
| Datasheets:          | <a href="#">1.CPT112S-A02-GM.pdf</a><br><a href="#">2.CPT112S-A02-GM.pdf</a> |
| RoHs Status:         | Lead free / RoHS Compliant                                                   |
| Stock Condition:     | 84575 pcs stock                                                              |
| Ship From:           | Hong Kong                                                                    |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS                                                        |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

#### Specifications of CPT112S-A02-GM

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| PART NUMBER                      | CPT112S-A02-GM                                                               |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                  |
| DESCRIPTION                      | IC CTRL CAP TOUCH 12CH I2C 20QFN                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                   |
| QUANTITY AVAILABLE               | 84575 pcs                                                                    |
| DATA SHEET                       | <a href="#">1.CPT112S-A02-GM.pdf</a><br><a href="#">2.CPT112S-A02-GM.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                |
| TYPE                             | Buttons, Slider                                                              |
| SUPPLIER DEVICE PACKAGE          | 20-QFN (3x3)                                                                 |
| SERIES                           | -                                                                            |
| RESOLUTION                       | -                                                                            |
| PROXIMITY DETECTION              | Yes                                                                          |
| PACKAGING                        | Tube                                                                         |
| PACKAGE / CASE                   | 20-UFQFN Exposed Pad                                                         |
| 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                                                                        |

#### Related Tags

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| Energy Micro (Silicon Labs) CPT112S-A02-GM | CPT112S-A02-GM Distributor           | CPT112S-A02-GM Supplier                        |
| CPT112S-A02-GM Price                       | CPT112S-A02-GM Pictures              | CPT112S-A02-GM Image                           |
| CPT112S-A02-GM PDF Datasheet               | CPT112S-A02-GM Download Datasheet    | CPT112S-A02-GM Datasheet                       |
| CPT112S-A02-GM Stock                       | Buy CPT112S-A02-GM                   | Buy Energy Micro (Silicon Labs) CPT112S-A02-GM |
| Energy Micro (Silicon Labs) CPT112S-A02-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) CPT112S-A02-GM | Energy Micro CPT112S-A02-GM          | Energy Micro (Silicon Labs) CPT112S-A02-GM     |
| Silicon Laboratories CPT112S-A02-GM        | Silicon Labs CPT112S-A02-GM          |                                                |

#### Related Products

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| <p><b>CPT112S-A02-GMR</b><br/>                 Manufacturers: Energy Micro (Silicon Labs)<br/>                 Description: IC CTRL CAP TOUCH 12CH I2C 20QFN<br/>                 In stock: 99979 pcs<br/> <a href="#">RFQ</a></p> | <p><b>CPT112S-A02-GU</b><br/>                 Manufacturers: Energy Micro (Silicon Labs)<br/>                 Description: 12 CHANNEL CAPACITIVE TOUCH CONT<br/>                 In stock: 83936 pcs<br/> <a href="#">RFQ</a></p>   |
| <p><b>CPT12050</b><br/>                 Manufacturers: Microsemi<br/>                 Description: DIODE MODULE 50V 60A TO244AB<br/>                 In stock: 5825 pcs<br/> <a href="#">RFQ</a></p>                               | <p><b>CPT007B-A02-GMR</b><br/>                 Manufacturers: Energy Micro (Silicon Labs)<br/>                 Description: IC CTRL CAP TOUCH 7CH GPIO 20QFN<br/>                 In stock: 78577 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>CPT112S-A02-GUR</b><br/>                 Manufacturers: Energy Micro (Silicon Labs)<br/>                 Description: 12 CHANNEL CAPACITIVE TOUCH CONT<br/>                 In stock: 82278 pcs<br/> <a href="#">RFQ</a></p> | <p><b>CPT06B14-15S-001</b><br/>                 Manufacturers: Amphenol Industrial<br/>                 Description: PT 15C 1#16,14#20 SKT PLUG<br/>                 In stock: 7039 pcs<br/> <a href="#">RFQ</a></p>                |
| <p><b>CPT007B-A02-GUR</b><br/>                 Manufacturers: Energy Micro (Silicon Labs)<br/>                 Description: 7 CHANNEL CAPACITIVE TOUCH CONTR<br/>                 In stock: 86420 pcs<br/> <a href="#">RFQ</a></p> | <p><b>CPT007B-A02-GU</b><br/>                 Manufacturers: Energy Micro (Silicon Labs)<br/>                 Description: 7 CHANNEL CAPACITIVE TOUCH CONTR<br/>                 In stock: 63970 pcs<br/> <a href="#">RFQ</a></p>   |
| <p><b>CPT12050D</b><br/>                 Manufacturers: Microsemi<br/>                 Description: DIODE MODULE 50V 60A TO244AB<br/>                 In stock: 2815 pcs<br/> <a href="#">RFQ</a></p>                              | <p><b>CPT112S-A01-GMR</b><br/>                 Manufacturers: Energy Micro (Silicon Labs)<br/>                 Description: IC CTRL CAP TOUCH 12CH GPIO 20QFN<br/>                 In stock: 79041 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>CPT112S-A01-GM</b><br/>                 Manufacturers: Energy Micro (Silicon Labs)<br/>                 Description: CAP TOUCH CONTROLLER<br/>                 In stock: 104837 pcs<br/> <a href="#">RFQ</a></p>             | <p><b>CPT12050A</b><br/>                 Manufacturers: Microsemi<br/>                 Description: DIODE MODULE 50V 60A TO244AB<br/>                 In stock: 6176 pcs<br/> <a href="#">RFQ</a></p>                               |