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| <div><div></div><div><div>Not Actual Photo<br/>YIC International Co., Limited.</div></div></div> | <div><div>SI8441AA-C-IS1R</div><div><div>Manufacturer Part Number:</div><div>SI8441AA-C-IS1R</div></div><div><div>Manufacturer/Brand:</div><div>Energy Micro (Silicon Labs)</div></div><div><div>Part of Description:</div><div>DGTL ISO 1KV 4CH GEN PURP 16SOIC</div></div><div><div>Datasheets:</div><div> <a href="#">SI8441AA-C-IS1R.pdf</a></div></div><div><div>RoHs Status:</div><div> Lead free / RoHS</div></div><div><div>Stock Condition:</div><div>Compliant<br/>New original, 2607 pcs Stock Available.</div></div><div><div>Ship From:</div><div>Hong Kong</div></div><div><div>Shipment Way:</div><div>DHL/Fedex/TNT/UPS/EMS</div></div></div> |
| <div>Image may be representation.<br/>See specs for product details.</div>                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Specifications                       |                                  |
|--------------------------------------|----------------------------------|
| Part Number                          | SI8441AA-C-IS1R                  |
| Manufacturer                         | Energy Micro (Silicon Labs)      |
| Description                          | DGTL ISO 1KV 4CH GEN PURP 16SOIC |
| Category                             | Isolators > Digital Isolators    |
| Part Status                          | 2607 pcs Stock                   |
| Voltage - Supply                     | 2.7 V ~ 5.5 V                    |
| Voltage - Isolation                  | 1000Vrms                         |
| Type                                 | General Purpose                  |
| Technology                           | Capacitive Coupling              |
| Supplier Device Package              | 16-SOIC                          |
| Series                               | Automotive, AEC-Q100             |
| Rise / Fall Time (Typ)               | 3.8ns, 2.8ns                     |
| Pulse Width Distortion (Max)         | 25ns                             |
| Propagation Delay tpLH / tpHL (Max)  | 35ns, 35ns                       |
| Packaging                            | Tape & Reel (TR)                 |
| Package / Case                       | 16-SOIC (0.154", 3.90mm Width)   |
| Operating Temperature                | -40°C ~ 125°C                    |
| Number of Channels                   | 4                                |
| Isolated Power                       | No                               |
| Inputs - Side 1/Side 2               | 3/1                              |
| Data Rate                            | 1Mbps                            |
| Common Mode Transient Immunity (Min) | 25kV/μs (Typ)                    |
| Channel Type                         | Unidirectional                   |
|                                      |                                  |

You May Be Also Be interested

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| <div><div></div><div>SI8441AA-D-IS1<br/>Silicon Labs<br/>DGTL ISO 1KV 4CH GEN PURP<br/>16SOIC</div></div>  | <div><div><div>Not Actual Photo<br/>YIC International Co., Limited.</div></div><div>SI8441AA<br/>SILICON<br/>SI8441AA SILICON</div></div> | <div><div></div><div>SI8441AB-C-IS1<br/>Silicon Labs<br/>DGTL ISO 2.5KV GEN PURP<br/>16SOIC</div></div>                                             | <div><div></div><div>SI8441-C-IS<br/>Silicon Labs<br/>DGTL ISO 2.5KV GEN PURP<br/>16SOIC</div></div> |
| <div><div></div><div>SI8441AA-D-IS1R<br/>Silicon Labs<br/>DGTL ISO 1KV 4CH GEN PURP<br/>16SOIC</div></div> | <div><div></div><div>SI8441AA-C-IS1<br/>Silicon Labs<br/>DGTL ISO 1KV 4CH GEN PURP<br/>16SOIC</div></div>                                 | <div><div><div>Not Actual Photo<br/>YIC International Co., Limited.</div></div><div>SI8441AA-D-IS<br/>SILICON<br/>SI8441AA-D-IS SILICON</div></div> | <div><div></div><div>SI8441-B-IS<br/>Silicon Labs<br/>DGTL ISO 2.5KV GEN PURP<br/>16SOIC</div></div> |

| SI8441AA-C-IS1R Related keyword             |                              |                             |                       |                                             | <div>More</div> |
|---------------------------------------------|------------------------------|-----------------------------|-----------------------|---------------------------------------------|-----------------|
| SI8441AA-C-IS1R Energy Micro (Silicon Labs) | SI8441AA-C-IS1R Data Sheet   | SI8441AA-C-IS1R Datasheets  | SI8441AA-C-IS1R PDF   | Energy Micro (Silicon Labs) SI8441AA-C-IS1R |                 |
| SI8441AA-C-IS1R Electronic                  | SI8441AA-C-IS1R Components   | SI8441AA-C-IS1R Distributor | SI8441AA-C-IS1R Image | SI8441AA-C-IS1R Part                        |                 |
| SI8441AA-C-IS1R Price                       | SI8441AA-C-IS1R Manufacturer | SI8441AA-C-IS1R Picture     | SI8441AA-C-IS1R Stock | SI8441AA-C-IS1R Inventory                   |                 |
| SI8441AA-C-IS1R New                         | SI8441AA-C-IS1R Original     | SI8441AA-C-IS1R Warranted   | SI8441AA-C-IS1R RFQ   | SI8441AA-C-IS1R Order Online                |                 |