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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div></div> | <div>SI8712BC-B-IPR</div> <div><div>Manufacturer Part Number:</div><div>SI8712BC-B-IPR</div></div> <div><div>Manufacturer/Brand:</div><div>Energy Micro (Silicon Labs)</div></div> <div><div>Part of Description:</div><div>DGTL ISO 3.75KV GEN PURP 8DIPGW</div></div> <div><div>Datasheets:</div><div> <a href="#">SI8712BC-B-IPR.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, 2532 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>Image may be representation.<br/>See specs for product details.</div>                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Specifications                       |                                 |
|--------------------------------------|---------------------------------|
| Part Number                          | SI8712BC-B-IPR                  |
| Manufacturer                         | Energy Micro (Silicon Labs)     |
| Description                          | DGTL ISO 3.75KV GEN PURP 8DIPGW |
| Category                             | Isolators > Digital Isolators   |
| Part Status                          | 2532 pcs Stock                  |
| Voltage - Supply                     | 3 V ~ 30 V                      |
| Voltage - Isolation                  | 3750Vrms                        |
| Type                                 | General Purpose                 |
| Technology                           | Capacitive Coupling             |
| Supplier Device Package              | 8-DIP Gull Wing                 |
| Series                               | Automotive, AEC-Q100            |
| Rise / Fall Time (Typ)               | 15ns, 5ns                       |
| Pulse Width Distortion (Max)         | 20ns                            |
| Propagation Delay tpLH / tpHL (Max)  | 60ns, 60ns                      |
| Packaging                            | Tape & Reel (TR)                |
| Package / Case                       | 8-SMD, Gull Wing                |
| Operating Temperature                | -40°C ~ 125°C                   |
| Number of Channels                   | 1                               |
| Isolated Power                       | No                              |
| Inputs - Side 1/Side 2               | 1/0                             |
| Data Rate                            | 15Mbps                          |
| Common Mode Transient Immunity (Min) | 35kV/μs                         |
| Channel Type                         | Unidirectional                  |
|                                      |                                 |

You May Be Also Be interested

|                                                                                                                                                                                                                    |                                                                                                                                                                                                    |                                                                                                                                                                                                      |                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>In:</div> <div></div> <div><div>SI8712CC-B-IP</div><div>Silicon Labs</div><div>DGTL ISO 3.75KV GEN PURP 8DIPGW</div></div> | <div></div> <div><div>SI8712BC-B-IS</div><div>Silicon Labs</div><div>DGTL ISO 3.75KV GEN PURP 8SOIC</div></div> | <div></div> <div><div>SI8712BD-B-IM</div><div>Silicon Labs</div><div>DGTL ISO 5KV 1CH GEN PURP 8LGA</div></div>  | <div></div> <div><div>SI8712AD-B-IMR</div><div>Silicon Labs</div><div>DGTL ISO 5KV 1CH GEN PURP 8LGA</div></div> |
| <div></div> <div><div>SI8712BC-B-IP IC</div><div>SILICON</div><div>SILICON DIP-8</div></div>                                    | <div></div> <div><div>SI8712AD-B-IM</div><div>Silicon Labs</div><div>DGTL ISO 5KV 1CH GEN PURP 8LGA</div></div> | <div></div> <div><div>SI8712BC-B-ISR</div><div>Silicon Labs</div><div>DGTL ISO 3.75KV GEN PURP 8SOIC</div></div> | <div></div> <div><div>SI8712AC.</div><div>SI</div><div>SI SOP8</div></div>                                       |

SI8712BC-B-IPR Related keyword

More

|                                            |                             |                            |                      |                                            |
|--------------------------------------------|-----------------------------|----------------------------|----------------------|--------------------------------------------|
| SI8712BC-B-IPR Energy Micro (Silicon Labs) | SI8712BC-B-IPR Data Sheet   | SI8712BC-B-IPR Datasheets  | SI8712BC-B-IPR PDF   | Energy Micro (Silicon Labs) SI8712BC-B-IPR |
| SI8712BC-B-IPR Electronic                  | SI8712BC-B-IPR Components   | SI8712BC-B-IPR Distributor | SI8712BC-B-IPR Image | SI8712BC-B-IPR Part                        |
| SI8712BC-B-IPR Price                       | SI8712BC-B-IPR Manufacturer | SI8712BC-B-IPR Picture     | SI8712BC-B-IPR Stock | SI8712BC-B-IPR Inventory                   |
| SI8712BC-B-IPR New                         | SI8712BC-B-IPR Original     | SI8712BC-B-IPR Warranted   | SI8712BC-B-IPR RFQ   | SI8712BC-B-IPR Order Online                |