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|--|--|----------------------------------|-----------------|----------------------------|-----|-----------------------------|---------------------------------|---------------------|--|-------------------------|--|-------------------|-----------|----------------------|
|  <p>Image may be representation.<br/>See specs for product details.</p> | <h2 style="color: #E67E22;">ISO7142CCQDBQQ1</h2>   |                                  |                 |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
|  | <table border="0"> <tr> <td><b>Manufacturer Part Number:</b></td> <td>ISO7142CCQDBQQ1</td> </tr> <tr> <td><b>Manufacturer/Brand:</b></td> <td>N/A</td> </tr> <tr> <td><b>Part of Description:</b></td> <td>DG ISO 2.5KV 4CH GEN PRP 16SSOP</td> </tr> <tr> <td><b>RoHs Status:</b></td> <td> Lead free / RoHS</td> </tr> <tr> <td><b>Stock Condition:</b></td> <td>Compliant<br/>New original, 2530 pcs Stock Available.</td> </tr> <tr> <td><b>Ship From:</b></td> <td>Hong Kong</td> </tr> <tr> <td><b>Shipment Way:</b></td> <td>DHL/Fedex/TNT/UPS/EMS</td> </tr> </table> | <b>Manufacturer Part Number:</b> | ISO7142CCQDBQQ1 | <b>Manufacturer/Brand:</b> | N/A | <b>Part of Description:</b> | DG ISO 2.5KV 4CH GEN PRP 16SSOP | <b>RoHs Status:</b> |  Lead free / RoHS | <b>Stock Condition:</b> | Compliant<br>New original, 2530 pcs Stock Available. | <b>Ship From:</b> | Hong Kong | <b>Shipment Way:</b> |
| <b>Manufacturer Part Number:</b>   | ISO7142CCQDBQQ1  |                                  |                 |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>Manufacturer/Brand:</b>   | N/A  |                                  |                 |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>Part of Description:</b>  | DG ISO 2.5KV 4CH GEN PRP 16SSOP  |                                  |                 |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>RoHs Status:</b>  |  Lead free / RoHS   |                                  |                 |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>Stock Condition:</b>  | Compliant<br>New original, 2530 pcs Stock Available.   |                                  |                 |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>Ship From:</b>  | Hong Kong  |                                  |                 |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>Shipment Way:</b>   | DHL/Fedex/TNT/UPS/EMS  |                                  |                 |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |

### Specifications

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Part Number                          | ISO7142CCQDBQQ1                 |
| Manufacturer                         | N/A                             |
| Description                          | DG ISO 2.5KV 4CH GEN PRP 16SSOP |
| Category                             | Isolators > Digital Isolators   |
| Part Status                          | 2530 pcs Stock                  |
| Voltage - Supply                     | 2.7 V ~ 5.5 V                   |
| Voltage - Isolation                  | 2500Vrms                        |
| Type                                 | General Purpose                 |
| Technology                           | Capacitive Coupling             |
| Supplier Device Package              | 16-SSOP                         |
| Series                               | Automotive, AEC-Q100            |
| Rise / Fall Time (Typ)               | 2.5ns, 2.1ns                    |
| Pulse Width Distortion (Max)         | 3.5ns                           |
| Propagation Delay tpLH / tpHL (Max)  | 38ns, 38ns                      |
| Packaging                            | Tube                            |
| Package / Case                       | 16-SSOP (0.154", 3.90mm Width)  |
| Operating Temperature                | -55°C ~ 125°C                   |
| Number of Channels                   | 4                               |
| Isolated Power                       | No                              |
| Inputs - Side 1/Side 2               | 2/2                             |
| Data Rate                            | 50Mbps                          |
| Common Mode Transient Immunity (Min) | 25kV/μs                         |
| Channel Type                         | Unidirectional                  |

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### You May Be Also Be interested

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|---|---|---|--|
| <p><b>In:</b></p>  <p><b>ISO721DG4</b><br/>N/A<br/>DGTL ISO 2.5KV GEN PURP<br/>8SOIC</p> |  <p><b>ISO7142CCQDBQRQ1</b><br/>N/A<br/>IC DGTL ISO 2.5KV GP 16SSOP<br/>AUTO</p> |  <p><b>ISO71XXDBQ-EVM</b><br/>N/A<br/>ISO71XXDBQ EVALUATION<br/>MODULE</p>  |  <p><b>ISO7142CCDBQ</b><br/>N/A<br/>DGTL ISO 2.5KV GEN PURP<br/>16SSOP</p>  |
|  <p><b>ISO7215</b><br/>TI<br/>ISO7215 TI</p>   |  <p><b>ISO7141FCCDBQR</b><br/>N/A<br/>DGTL ISO 2.5KV GEN PURP<br/>16SSOP</p>     |  <p><b>ISO7141FCCDBQ</b><br/>N/A<br/>DGTL ISO 2.5KV GEN PURP<br/>16SSOP</p> |  <p><b>ISO7142CCDBQR</b><br/>N/A<br/>DGTL ISO 2.5KV GEN PURP<br/>16SSOP</p> |

### ISO7142CCQDBQQ1 Related keyword

More

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Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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