



ISO7742FQDWQ1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ISO7742FQDWQ1                                                                                                |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | DGTL ISO 5KV 4CH GEN PRP 16SOIC                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 15025 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

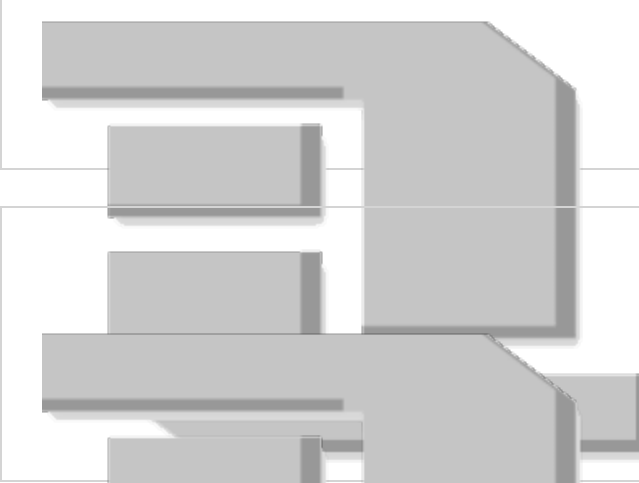
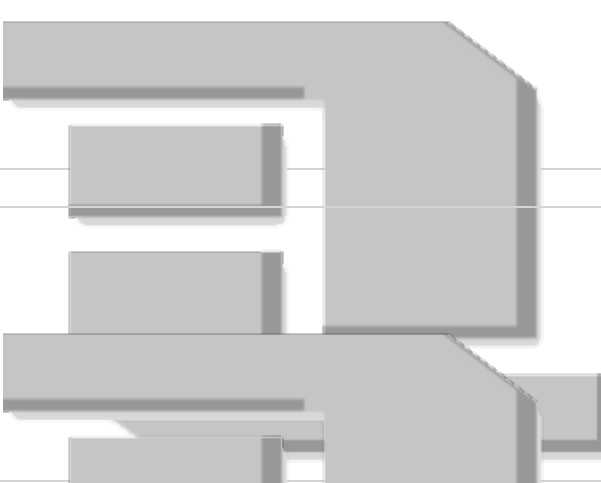
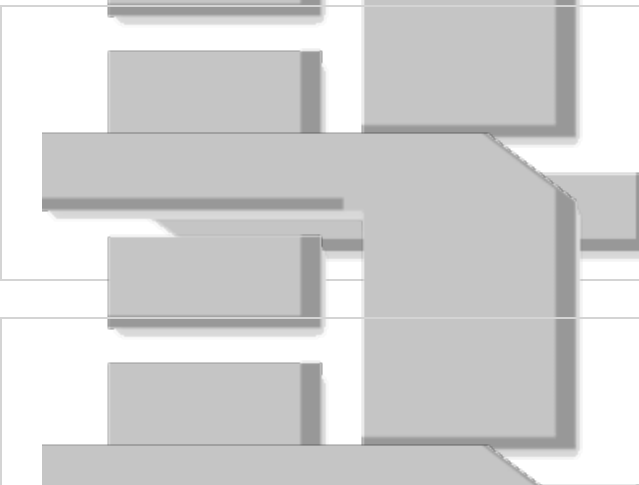
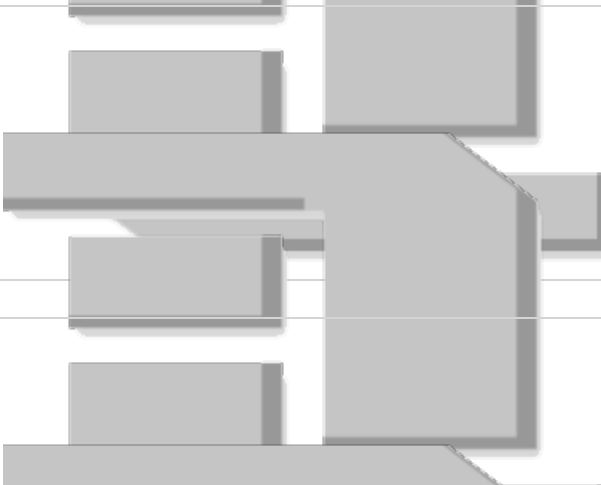
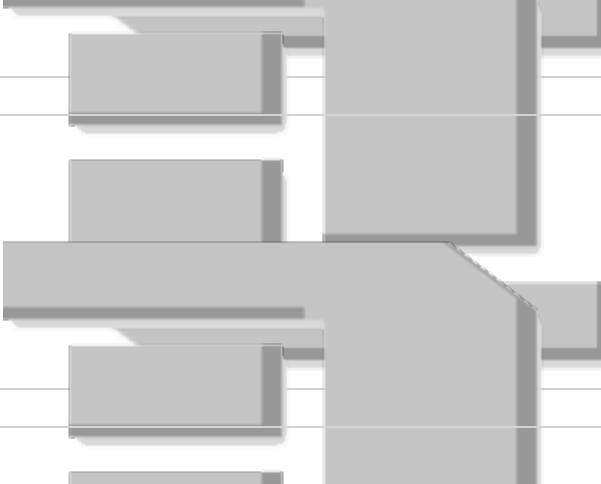
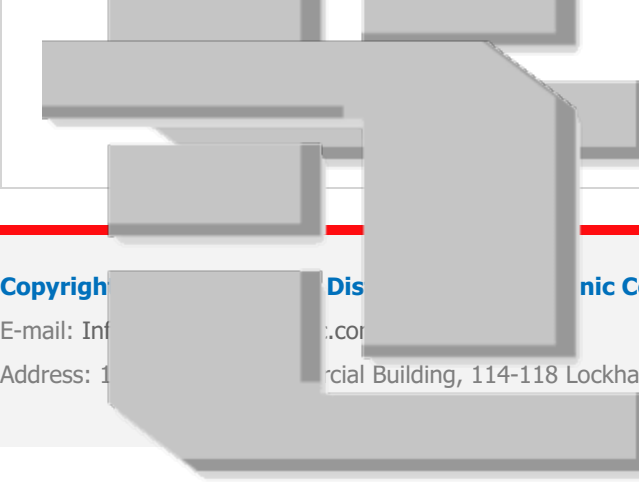
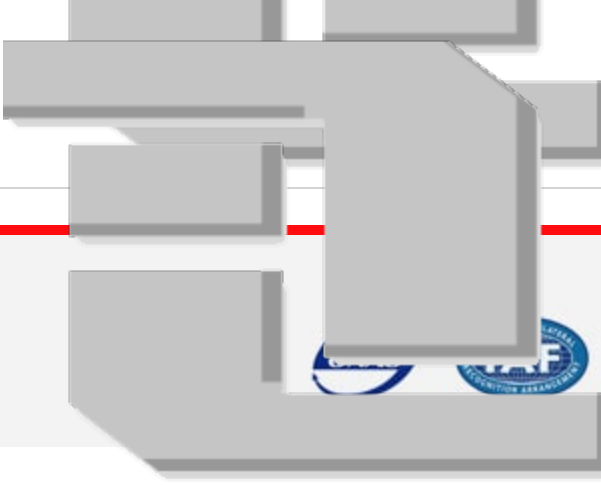
Specifications of ISO7742FQDWQ1

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ISO7742FQDWQ1                                                                                           |
| MANUFACTURER                         | N/A                                                                                                     |
| DESCRIPTION                          | DGTL ISO 5KV 4CH GEN PRP 16SOIC                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 15025 pcs                                                                                               |
| DATA SHEET                           |                                                                                                         |
| VOLTAGE - SUPPLY                     | 2.25 V ~ 5.5 V                                                                                          |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                                |
| TYPE                                 | General Purpose                                                                                         |
| TECHNOLOGY                           | Capacitive Coupling                                                                                     |
| SUPPLIER DEVICE PACKAGE              | 16-SOIC                                                                                                 |
| SERIES                               | Automotive, AEC-Q100                                                                                    |
| RISE / FALL TIME (TYP)               | 2.4ns, 2.4ns                                                                                            |
| PULSE WIDTH DISTORTION (MAX)         | 4.9ns                                                                                                   |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 16ns, 16ns                                                                                              |
| PACKAGING                            | Tube                                                                                                    |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                          |
| OTHER NAMES                          | 296-45249-5                                                                                             |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                           |
| NUMBER OF CHANNELS                   | 4                                                                                                       |
| MOUNTING TYPE                        | Surface Mount                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 2 (1 Year)                                                                                              |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| ISOLATED POWER                       | No                                                                                                      |
| INPUTS - SIDE 1/SIDE 2               | 2/2                                                                                                     |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 5000Vrms 4 Channel 100Mbps 40kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| DATA RATE                            | 100Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 40kV/μs                                                                                                 |
| CHANNEL TYPE                         | Unidirectional                                                                                          |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| ISO7742FQDWQ1               | ISO7742FQDWQ1 Distributor        | ISO7742FQDWQ1 Supplier  |
| ISO7742FQDWQ1 Price         | ISO7742FQDWQ1 Pictures           | ISO7742FQDWQ1 Image     |
| ISO7742FQDWQ1 PDF Datasheet | ISO7742FQDWQ1 Download Datasheet | ISO7742FQDWQ1 Datasheet |
| ISO7742FQDWQ1 Stock         | Buy ISO7742FQDWQ1                | Buy ISO7742FQDWQ1       |
| ISO7742FQDWQ1               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                                   |                                                                                      |                                                                                                                                                 |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>ISO7742FDBQ</b></p> <p>Manufacturers: N/A</p> <p>Description: ISO7742FDBQ</p> <p>In stock: 28103 pcs</p> <p>RFQ</p>                         |  | <p><b>ISO7742FDWR</b></p> <p>Manufacturers: N/A</p> <p>Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC</p> <p>In stock: 51709 pcs</p> <p>RFQ</p>  |
|  | <p><b>ISO7742FQDWRQ1</b></p> <p>Manufacturers: N/A</p> <p>Description: DGTL ISO 5KV 4CH GEN PRP 16SOIC</p> <p>In stock: 29806 pcs</p> <p>RFQ</p>  |  | <p><b>ISO7742QDWRQ1</b></p> <p>Manufacturers: N/A</p> <p>Description: DGTL ISO 5KV 4CH GEN PRP 16SOIC</p> <p>In stock: 29977 pcs</p> <p>RFQ</p> |
|  | <p><b>ISO7760DBQ</b></p> <p>Manufacturers: N/A</p> <p>Description: ISO7760DBQ 6CH - DIGITAL ISOLATOR</p> <p>In stock: 16415 pcs</p> <p>RFQ</p>    |  | <p><b>ISO7742FDBQR</b></p> <p>Manufacturers: N/A</p> <p>Description: MYNA BASED ISOLATOR</p> <p>In stock: 60092 pcs</p> <p>RFQ</p>              |
|  | <p><b>ISO7742QDBQQ1</b></p> <p>Manufacturers: N/A</p> <p>Description: AUTO MYNA ISOLATOR- ISO7742QDBQR</p> <p>In stock: 30853 pcs</p> <p>RFQ</p>  |  | <p><b>ISO7742DWR</b></p> <p>Manufacturers: N/A</p> <p>Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC</p> <p>In stock: 62365 pcs</p> <p>RFQ</p>   |
|  | <p><b>ISO7760DBQR</b></p> <p>Manufacturers: N/A</p> <p>Description: DIGTL ISO ROBUST EMC 6CH</p> <p>In stock: 59300 pcs</p> <p>RFQ</p>            |  | <p><b>ISO7742QDWQ1</b></p> <p>Manufacturers: N/A</p> <p>Description: DGTL ISO 5KV 4CH GEN PRP 16SOIC</p> <p>In stock: 16227 pcs</p> <p>RFQ</p>  |
|  | <p><b>ISO7742FQDBQQ1</b></p> <p>Manufacturers: N/A</p> <p>Description: AUTO MYNA ISOLATOR- ISO7742FQDBQ</p> <p>In stock: 27315 pcs</p> <p>RFQ</p> |  | <p><b>ISO7742FDW</b></p> <p>Manufacturers: N/A</p> <p>Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC</p> <p>In stock: 24314 pcs</p> <p>RFQ</p>   |