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Avago Technologies (Broadcom Limited)

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ACPL-M51L-000E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACPL-M51L-000E                                                                                               |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                        |
| Product description | OPTOISO 3.75KV TRANS                                                                                         |
| Datasheets:         |  ACPL-M51L-000E.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 35219 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ACPL-M51L-000E

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACPL-M51L-000E                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                  |
| DESCRIPTION                      | OPTOISO 3.75KV TRANS                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 35219 pcs                                                                                              |
| DATA SHEET                       |  ACPL-M51L-000E.pdf |
| VOLTAGE - OUTPUT (MAX)           | 24V                                                                                                    |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.5V                                                                                                   |
| VCE SATURATION (MAX)             | -                                                                                                      |
| TURN ON / TURN OFF TIME (TYP)    | 300ns, 330ns                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 5-SO                                                                                                   |
| SERIES                           | -                                                                                                      |
| RISE / FALL TIME (TYP)           | -                                                                                                      |
| PACKAGING                        | Bulk                                                                                                   |
| PACKAGE / CASE                   | 6-SOIC (0.173", 4.40mm Width), 5 Leads                                                                 |
| OUTPUT TYPE                      | Transistor                                                                                             |
| OTHER NAMES                      | 516-3686<br>ACPL-M51L-000E-ND                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 105°C                                                                                          |
| NUMBER OF CHANNELS               | 1                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| INPUT TYPE                       | DC                                                                                                     |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 3750Vrms 1 Channel 5-SO                                                 |
| CURRENT TRANSFER RATIO (MIN)     | 80% @ 3mA                                                                                              |
| CURRENT TRANSFER RATIO (MAX)     | 200% @ 3mA                                                                                             |
| CURRENT - OUTPUT / CHANNEL       | 8mA                                                                                                    |
| CURRENT - DC FORWARD (IF) (MAX)  | 20mA                                                                                                   |

Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) ACPL-M51L-000E | ACPL-M51L-000E Distributor                           | ACPL-M51L-000E Supplier                                  |
| ACPL-M51L-000E Price                                 | ACPL-M51L-000E Pictures                              | ACPL-M51L-000E Image                                     |
| ACPL-M51L-000E PDF Datasheet                         | ACPL-M51L-000E Download Datasheet                    | ACPL-M51L-000E Datasheet                                 |
| ACPL-M51L-000E Stock                                 | Buy ACPL-M51L-000E                                   | Buy Avago Technologies (Broadcom Limited) ACPL-M51L-000E |
| Avago Technologies (Broadcom Limited) ACPL-M51L-000E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) ACPL-M51L-000E | Avago Technologies Limited ACPL-M51L-000E            | Avago Technologies US Inc. ACPL-M51L-000E                |
| Avago Technologies ACPL-M51L-000E                    | Avago Technologies (Broadcom Limited) ACPL-M51L-000E | Broadcom Limited ACPL-M51L-000E                          |

Related Products

|                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                   |
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| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div>ACPL-M51L-500E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV TRANS<br/>In stock: 99404 pcs</div> <div>RFQ</div>  | <div></div> <div>ACPL-M49U-000E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3.75KV TRANSISTOR<br/>In stock: 36247 pcs</div> <div>RFQ</div>   |
| <div></div> <div>ACPL-M61L-000E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV PUSH PULL 5SO<br/>In stock: 37978 pcs</div> <div>RFQ</div>                                                   | <div></div> <div>ACPL-M49U-500E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3.75KV TRANSISTOR<br/>In stock: 95113 pcs</div> <div>RFQ</div>   |
| <div></div> <div>ACPL-M50L-060E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3.75KV TRANS 5-SO<br/>In stock: 119221 pcs</div> <div>RFQ</div>                                                | <div></div> <div>ACPL-M50L-560E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3.75KV TRANS 5SOIC<br/>In stock: 32847 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ACPL-M50L-500E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3.75KV TRANS 5-SO<br/>In stock: 37874 pcs</div> <div>RFQ</div>                                                 | <div></div> <div>ACPL-M60L-000E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 5SO<br/>In stock: 28727 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div>ACPL-M51L-560E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV TRANS<br/>In stock: 111589 pcs</div> <div>RFQ</div> | <div></div> <div>ACPL-M60L-500E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 5SO<br/>In stock: 70792 pcs</div> <div>RFQ</div> |
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