

ON Semiconductor®  
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AMI Semiconductor / ON

Semiconductor



FODM121AR1V

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | FODM121AR1V                                                                                                  |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | OPTOISO 3.75KV TRANSISTOR 4SMD                                                                               |
| Datasheets:         |  FODM121AR1V.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6222 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of FODM121AR1V

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | FODM121AR1V                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                |
| DESCRIPTION                      | OPTOISO 3.75KV TRANSISTOR 4SMD                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE               | 6222 pcs                                                                                            |
| DATA SHEET                       |  FODM121AR1V.pdf |
| VOLTAGE - OUTPUT (MAX)           | 80V                                                                                                 |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                                            |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.3V (Max)                                                                                          |
| VCE SATURATION (MAX)             | 400mV                                                                                               |
| TURN ON / TURN OFF TIME (TYP)    | -                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 4-Mini-Flat                                                                                         |
| SERIES                           | -                                                                                                   |
| RISE / FALL TIME (TYP)           | 3µs, 3µs                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                    |
| PACKAGE / CASE                   | 4-SMD, Gull Wing                                                                                    |
| OUTPUT TYPE                      | Transistor                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 110°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 4-Mini-Flat                                       |
| CURRENT TRANSFER RATIO (MIN)     | 100% @ 5mA                                                                                          |
| CURRENT TRANSFER RATIO (MAX)     | 300% @ 5mA                                                                                          |
| CURRENT - OUTPUT / CHANNEL       | 80mA                                                                                                |
| CURRENT - DC FORWARD (IF) (MAX)  | 50mA                                                                                                |

Related Tags

|                                                       |                                                        |                                                      |
|-------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor FODM121AR1V      | FODM121AR1V Distributor                                | FODM121AR1V Supplier                                 |
| FODM121AR1V Price                                     | FODM121AR1V Pictures                                   | FODM121AR1V Image                                    |
| FODM121AR1V PDF Datasheet                             | FODM121AR1V Download Datasheet                         | FODM121AR1V Datasheet                                |
| FODM121AR1V Stock                                     | Buy FODM121AR1V                                        | Buy AMI Semiconductor / ON Semiconductor FODM121AR1V |
| AMI Semiconductor / ON Semiconductor FODM121AR1V      | AMI Semiconductor / ON Semiconductor Supplier          | AMI Semiconductor / ON Semiconductor Distributor     |
| AMI Semiconductor / ON Semiconductor FODM121AR1V      | ON Semiconductor FODM121AR1V                           | Aptina / ON Semiconductor FODM121AR1V                |
| Catalyst Semiconductor / ON Semiconductor FODM121AR1V | PulseCore Semiconductor / ON Semiconductor FODM121AR1V | Sanyo Semiconductor / ON Semiconductor FODM121AR1V   |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>FODM121BR1V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 4SMD<br/>In stock: 4886 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>FODM1008R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH TRANS LSOP4<br/>In stock: 123546 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>FODM121A</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 4SMD<br/>In stock: 134659 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>FODM121AR2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 4SMD<br/>In stock: 128178 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>FODM121BR1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 4SMD<br/>In stock: 6222 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>FODM1009</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5KV 1CH TRANS LSOP4<br/>In stock: 122317 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>FODM1009R2</b><br/>Manufacturers: Fairchild/ON Semiconductor<br/>Description: OPTOISO 5KV 1CH TRANS LSOP4<br/>In stock: 604309 pcs<br/><div>RFQ</div></div>             | <div></div> <div><b>FODM121AR2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 4SMD<br/>In stock: 413688 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>FODM121AV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 4SMD<br/>In stock: 139899 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>FODM121AR1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 4SMD<br/>In stock: 3211 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>FODM121B</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 4SMD<br/>In stock: 119511 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>FODM121</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV TRANSISTOR 4SMD<br/>In stock: 165362 pcs<br/><div>RFQ</div></div>     |