

ON Semiconductor®

ON

AMI Semiconductor / ON

Semiconductor

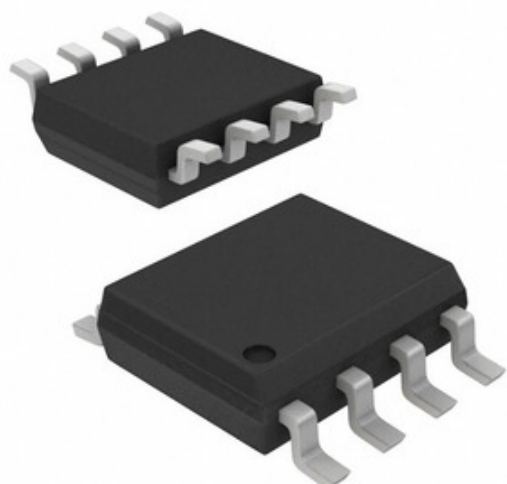


Image may be representation. See specifications for product details.

MOC205R1VM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MOC205R1VM                                                                                                   |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | OPTOISO 2.5KV TRANS W/BASE 8SOIC                                                                             |
| Datasheets:         |  MOC205R1VM.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5620 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MOC205R1VM

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MOC205R1VM                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                               |
| DESCRIPTION                      | OPTOISO 2.5KV TRANS W/BASE 8SOIC                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 5620 pcs                                                                                           |
| DATA SHEET                       |  MOC205R1VM.pdf |
| VOLTAGE - OUTPUT (MAX)           | 30V                                                                                                |
| VOLTAGE - ISOLATION              | 2500Vrms                                                                                           |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.15V                                                                                              |
| VCE SATURATION (MAX)             | 400mV                                                                                              |
| TURN ON / TURN OFF TIME (TYP)    | 7.5µs, 5.7µs                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 8-SO Tall                                                                                          |
| SERIES                           | -                                                                                                  |
| RISE / FALL TIME (TYP)           | 3.2µs, 4.7µs                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                   |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                      |
| OUTPUT TYPE                      | Transistor with Base                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 100°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 with Base Output 2500Vrms 1 Channel 8-SO Tall                              |
| CURRENT TRANSFER RATIO (MIN)     | 40% @ 10mA                                                                                         |
| CURRENT TRANSFER RATIO (MAX)     | 80% @ 10mA                                                                                         |
| CURRENT - OUTPUT / CHANNEL       | 150mA                                                                                              |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                               |

Related Tags

|                                                      |                                                       |                                                     |
|------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor MOC205R1VM      | MOC205R1VM Distributor                                | MOC205R1VM Supplier                                 |
| MOC205R1VM Price                                     | MOC205R1VM Pictures                                   | MOC205R1VM Image                                    |
| MOC205R1VM PDF Datasheet                             | MOC205R1VM Download Datasheet                         | MOC205R1VM Datasheet                                |
| MOC205R1VM Stock                                     | Buy MOC205R1VM                                        | Buy AMI Semiconductor / ON Semiconductor MOC205R1VM |
| AMI Semiconductor / ON Semiconductor MOC205R1VM      | AMI Semiconductor / ON Semiconductor Supplier         | AMI Semiconductor / ON Semiconductor Distributor    |
| AMI Semiconductor / ON Semiconductor MOC205R1VM      | ON Semiconductor MOC205R1VM                           | Aptina / ON Semiconductor MOC205R1VM                |
| Catalyst Semiconductor / ON Semiconductor MOC205R1VM | PulseCore Semiconductor / ON Semiconductor MOC205R1VM | Sanyo Semiconductor / ON Semiconductor MOC205R1VM   |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MOC119SD</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV DARLINGTON 6-SMD<br/>In stock: 5992 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MOC205M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8SOIC<br/>In stock: 132745 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MOC206R1M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8SOIC<br/>In stock: 6964 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MOC206R1VM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8SOIC<br/>In stock: 5812 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MOC205VM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8SOIC<br/>In stock: 6306 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MOC206M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8SOIC<br/>In stock: 114656 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MOC119S</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV DARLINGTON 6-SMD<br/>In stock: 5394 pcs</div> <div>RFQ</div>      | <div></div> <div><b>MOC205R1M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8SOIC<br/>In stock: 5724 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MOC119W</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV DARLINGTON 6-DIP<br/>In stock: 3593 pcs</div> <div>RFQ</div>      | <div></div> <div><b>MOC119M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV DARLINGTON 6-DIP<br/>In stock: 5557 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>MOC205R2M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8SOIC<br/>In stock: 92352 pcs</div> <div>RFQ</div> | <div></div> <div><b>MOC205R2VM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8SOIC<br/>In stock: 386026 pcs</div> <div>RFQ</div> |