

ON Semiconductor®  
ON

AMI Semiconductor / ON

Semiconductor



MCT5210M

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCT5210M                                                                                                     |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | OPTOISO 4.17KV TRANS W/BASE 6DIP                                                                             |
| Datasheets:         |  MCT5210M.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 64379 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

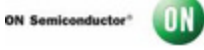
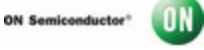
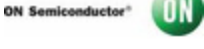
Specifications of MCT5210M

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCT5210M                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                             |
| DESCRIPTION                      | OPTOISO 4.17KV TRANS W/BASE 6DIP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 64379 pcs                                                                                        |
| DATA SHEET                       |  MCT5210M.pdf |
| VOLTAGE - OUTPUT (MAX)           | 30V                                                                                              |
| VOLTAGE - ISOLATION              | 4170Vrms                                                                                         |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.25V                                                                                            |
| VCE SATURATION (MAX)             | 400mV                                                                                            |
| TURN ON / TURN OFF TIME (TYP)    | 10µs, 400ns                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 6-DIP                                                                                            |
| SERIES                           | -                                                                                                |
| RISE / FALL TIME (TYP)           | -                                                                                                |
| PACKAGING                        | Tube                                                                                             |
| PACKAGE / CASE                   | 6-DIP (0.300", 7.62mm)                                                                           |
| OUTPUT TYPE                      | Transistor with Base                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 100°C                                                                                    |
| NUMBER OF CHANNELS               | 1                                                                                                |
| MOUNTING TYPE                    | Through Hole                                                                                     |
| 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 4170Vrms 1 Channel 6-DIP                                |
| CURRENT TRANSFER RATIO (MIN)     | 70% @ 3mA                                                                                        |
| CURRENT TRANSFER RATIO (MAX)     | -                                                                                                |
| CURRENT - OUTPUT / CHANNEL       | 150mA                                                                                            |
| CURRENT - DC FORWARD (IF) (MAX)  | 50mA                                                                                             |

Related Tags

|                                                    |                                                     |                                                   |
|----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|
| AMI Semiconductor / ON Semiconductor MCT5210M      | MCT5210M Distributor                                | MCT5210M Supplier                                 |
| MCT5210M Price                                     | MCT5210M Pictures                                   | MCT5210M Image                                    |
| MCT5210M PDF Datasheet                             | MCT5210M Download Datasheet                         | MCT5210M Datasheet                                |
| MCT5210M Stock                                     | Buy MCT5210M                                        | Buy AMI Semiconductor / ON Semiconductor MCT5210M |
| AMI Semiconductor / ON Semiconductor MCT5210M      | AMI Semiconductor / ON Semiconductor Supplier       | AMI Semiconductor / ON Semiconductor Distributor  |
| AMI Semiconductor / ON Semiconductor MCT5210M      | ON Semiconductor MCT5210M                           | Aptina / ON Semiconductor MCT5210M                |
| Catalyst Semiconductor / ON Semiconductor MCT5210M | PulseCore Semiconductor / ON Semiconductor MCT5210M | Sanyo Semiconductor / ON Semiconductor MCT5210M   |

Related Products

|                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MCT5210300W</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP<br/>In stock: 2763 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MCT5211</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP<br/>In stock: 4014 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCT5210SD</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 3042 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>MCT52103S</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 4759 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCT5210-X007T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 3849 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MCT5210W</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP<br/>In stock: 5955 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MCT5210VM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 4.17KV TRANS W/BASE 6DIP<br/>In stock: 6914 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MCT5210S</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 5913 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MCT5210</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP<br/>In stock: 6397 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>MCT52103SD</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 3541 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCT5210SM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 4.17KV TRANS W/BASE 6SMD<br/>In stock: 65192 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MCT5210300</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP<br/>In stock: 4010 pcs<br/><div>RFQ</div></div> |