

ON Semiconductor®  
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AMI Semiconductor / ON

Semiconductor



HCPL0600R2V

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL0600R2V                                                                                                       |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                              |
| Product description | OPTOISO 3.75KV OPN COLLECTOR 8SO                                                                                  |
| Datasheets:         |  <a href="#">HCPL0600R2V.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Specifications of HCPL0600R2V

|                                      |                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | HCPL0600R2V                                                                                                         |
| MANUFACTURER                         | AMI Semiconductor / ON Semiconductor                                                                                |
| DESCRIPTION                          | OPTOISO 3.75KV OPN COLLECTOR 8SO                                                                                    |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                          |
| DATA SHEET                           |  <a href="#">HCPL0600R2V.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 5.5 V                                                                                                       |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                                            |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.75V (Max)                                                                                                         |
| SUPPLIER DEVICE PACKAGE              | 8-SO Tall                                                                                                           |
| SERIES                               | -                                                                                                                   |
| RISE / FALL TIME (TYP)               | 50ns, 12ns                                                                                                          |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 75ns, 75ns                                                                                                          |
| PACKAGING                            | Tape & Reel (TR)                                                                                                    |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                                       |
| OUTPUT TYPE                          | Open Collector                                                                                                      |
| OPERATING TEMPERATURE                | -40°C ~ 85°C                                                                                                        |
| NUMBER OF CHANNELS                   | 1                                                                                                                   |
| MOUNTING TYPE                        | Surface Mount                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                          |
| INPUTS - SIDE 1/SIDE 2               | 1/0                                                                                                                 |
| INPUT TYPE                           | DC                                                                                                                  |
| DETAILED DESCRIPTION                 | Logic Output Optoisolator 10Mbps Open Collector 3750Vrms 1 Channel 5kV/μs CMTI 8-SO Tall                            |
| DATA RATE                            | 10Mbps                                                                                                              |
| CURRENT - OUTPUT / CHANNEL           | 50mA                                                                                                                |
| CURRENT - DC FORWARD (IF) (MAX)      | 50mA                                                                                                                |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 5kV/μs                                                                                                              |

Related Tags

|                                                       |                                                        |                                                      |
|-------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor HCPL0600R2V      | HCPL0600R2V Distributor                                | HCPL0600R2V Supplier                                 |
| HCPL0600R2V Price                                     | HCPL0600R2V Pictures                                   | HCPL0600R2V Image                                    |
| HCPL0600R2V PDF Datasheet                             | HCPL0600R2V Download Datasheet                         | HCPL0600R2V Datasheet                                |
| HCPL0600R2V Stock                                     | Buy HCPL0600R2V                                        | Buy AMI Semiconductor / ON Semiconductor HCPL0600R2V |
| AMI Semiconductor / ON Semiconductor HCPL0600R2V      | AMI Semiconductor / ON Semiconductor Supplier          | AMI Semiconductor / ON Semiconductor Distributor     |
| AMI Semiconductor / ON Semiconductor HCPL0600R2V      | ON Semiconductor HCPL0600R2V                           | Aptina / ON Semiconductor HCPL0600R2V                |
| Catalyst Semiconductor / ON Semiconductor HCPL0600R2V | PulseCore Semiconductor / ON Semiconductor HCPL0600R2V | Sanyo Semiconductor / ON Semiconductor HCPL0600R2V   |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                  |
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| <div><div><b>HCPL0600R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div></div>    | <div><div><b>HCPL0600V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div></div>   |
| <div><div><b>HCPL0600</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div></div>      | <div><div><b>HCPL0601R1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  |
| <div><div><b>HCPL0600_F132</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div></div> | <div><div><b>HCPL0600R1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  |
| <div><div><b>HCPL0534R1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLR TRANS 2CHAN HS 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div>     | <div><div><b>HCPL0600R1V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div></div> |
| <div><div><b>HCPL0601R1V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div></div>   | <div><div><b>HCPL0534R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLR TRANS 2CHAN HS 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div>   |
| <div><div><b>HCPL0601R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div></div>    | <div><div><b>HCPL0601</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div></div>    |