

ON Semiconductor®  


AMI Semiconductor / ON

Semiconductor



HCPL0601V

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL0601V                                                                                                       |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                            |
| Product description | OPTOISO 3.75KV OPN COLLECTOR 8SO                                                                                |
| Datasheets:         |  <a href="#">HCPL0601V.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 29741 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Specifications of HCPL0601V

|                                      |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | HCPL0601V                                                                                                         |
| MANUFACTURER                         | AMI Semiconductor / ON Semiconductor                                                                              |
| DESCRIPTION                          | OPTOISO 3.75KV OPN COLLECTOR 8SO                                                                                  |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE                   | 29741 pcs                                                                                                         |
| DATA SHEET                           |  <a href="#">HCPL0601V.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                            | Tube                                                                                                              |
| 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 10kV/μs CMTI 8-SO Tall                         |
| DATA RATE                            | 10Mbps                                                                                                            |
| CURRENT - OUTPUT / CHANNEL           | 50mA                                                                                                              |
| CURRENT - DC FORWARD (IF) (MAX)      | 50mA                                                                                                              |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 10kV/μs                                                                                                           |

Related Tags

|                                                     |                                                      |                                                    |
|-----------------------------------------------------|------------------------------------------------------|----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor HCPL0601V      | HCPL0601V Distributor                                | HCPL0601V Supplier                                 |
| HCPL0601V Price                                     | HCPL0601V Pictures                                   | HCPL0601V Image                                    |
| HCPL0601V PDF Datasheet                             | HCPL0601V Download Datasheet                         | HCPL0601V Datasheet                                |
| HCPL0601V Stock                                     | Buy HCPL0601V                                        | Buy AMI Semiconductor / ON Semiconductor HCPL0601V |
| AMI Semiconductor / ON Semiconductor HCPL0601V      | AMI Semiconductor / ON Semiconductor Supplier        | AMI Semiconductor / ON Semiconductor Distributor   |
| AMI Semiconductor / ON Semiconductor HCPL0601V      | ON Semiconductor HCPL0601V                           | Aptina / ON Semiconductor HCPL0601V                |
| Catalyst Semiconductor / ON Semiconductor HCPL0601V | PulseCore Semiconductor / ON Semiconductor HCPL0601V | Sanyo Semiconductor / ON Semiconductor HCPL0601V   |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                  |
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| <div></div> <div><b>HCPL0611R1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: 4494 pcs<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: 29052 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>HCPL0611</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: 30304 pcs<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: 28959 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HCPL0601R2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: 29705 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>HCPL0611R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: 85004 pcs<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: 5297 pcs<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: 3203 pcs<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: 3077 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HCPL062NR1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV 2CH OPEN COLL 8SO<br/>In stock: 6928 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>HCPL062NR2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV 2CH OPEN COLL 8SO<br/>In stock: 77485 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>HCPL062N</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV 2CH OPEN COLL 8SO<br/>In stock: 27472 pcs<br/><div>RFQ</div></div>    |