

ON Semiconductor®  
ON

AMI Semiconductor / ON

Semiconductor



Image may be representation. See specifications for product details.

HCPL0500

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL0500                                                                                                       |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                           |
| Product description | OPTOCOUPLER SGL TRANS OUT 8SOIC                                                                                |
| Datasheets:         |  <a href="#">HCPL0500.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 43843 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

Specifications of HCPL0500

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HCPL0500                                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                             |
| DESCRIPTION                      | OPTOCOUPLER SGL TRANS OUT 8SOIC                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 43843 pcs                                                                                                        |
| DATA SHEET                       |  <a href="#">HCPL0500.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 20V                                                                                                              |
| VOLTAGE - ISOLATION              | 2500Vrms                                                                                                         |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.45V                                                                                                            |
| VCE SATURATION (MAX)             | -                                                                                                                |
| TURN ON / TURN OFF TIME (TYP)    | 450ns, 500ns                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 8-SO Tall                                                                                                        |
| SERIES                           | -                                                                                                                |
| RISE / FALL TIME (TYP)           | -                                                                                                                |
| PACKAGING                        | Tube                                                                                                             |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                    |
| OUTPUT TYPE                      | Transistor with Base                                                                                             |
| 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                                                                                       |
| INPUT TYPE                       | DC                                                                                                               |
| DETAILED DESCRIPTION             | Optoisolator Transistor with Base Output 2500Vrms 1 Channel 8-SO Tall                                            |
| CURRENT TRANSFER RATIO (MIN)     | 7% @ 16mA                                                                                                        |
| CURRENT TRANSFER RATIO (MAX)     | 50% @ 16mA                                                                                                       |
| CURRENT - OUTPUT / CHANNEL       | 8mA                                                                                                              |
| CURRENT - DC FORWARD (IF) (MAX)  | 25mA                                                                                                             |

Related Tags

|                                                    |                                                     |                                                   |
|----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|
| AMI Semiconductor / ON Semiconductor HCPL0500      | HCPL0500 Distributor                                | HCPL0500 Supplier                                 |
| HCPL0500 Price                                     | HCPL0500 Pictures                                   | HCPL0500 Image                                    |
| HCPL0500 PDF Datasheet                             | HCPL0500 Download Datasheet                         | HCPL0500 Datasheet                                |
| HCPL0500 Stock                                     | Buy HCPL0500                                        | Buy AMI Semiconductor / ON Semiconductor HCPL0500 |
| AMI Semiconductor / ON Semiconductor HCPL0500      | AMI Semiconductor / ON Semiconductor Supplier       | AMI Semiconductor / ON Semiconductor Distributor  |
| AMI Semiconductor / ON Semiconductor HCPL0500      | ON Semiconductor HCPL0500                           | Aptina / ON Semiconductor HCPL0500                |
| Catalyst Semiconductor / ON Semiconductor HCPL0500 | PulseCore Semiconductor / ON Semiconductor HCPL0500 | Sanyo Semiconductor / ON Semiconductor HCPL0500   |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>HCPL0500R1V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC<br/>In stock: 5307 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>HCPL0500R1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC<br/>In stock: 6549 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>HCPL0452R2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC<br/>In stock: 6154 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>HCPL0500R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC<br/>In stock: 119167 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HCPL0501</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLER SGL TRANS OUT 8-SO<br/>In stock: 37439 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>HCPL0452R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC<br/>In stock: 3652 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>HCPL0453</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLR TRANS 1CH HS 8SOIC<br/>In stock: 47633 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>HCPL0452V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC<br/>In stock: 6306 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>HCPL0500R2V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC<br/>In stock: 29593 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HCPL0453R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLR TRANS 1CHAN HS 8SOIC<br/>In stock: 38657 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>HCPL0453R1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLR TRANS 1CHAN HS 8SOIC<br/>In stock: 3600 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>HCPL0500V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC<br/>In stock: 39713 pcs<br/><div>RFQ</div></div>   |