

ON Semiconductor®  
ON

AMI Semiconductor / ON



Image may be representation. See specifications for product details.

HCPL2530S

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL2530S                                                                                                       |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                            |
| Product description | OPTOISO 2.5KV 2CH TRANS 8SMD                                                                                    |
| Datasheets:         |  <a href="#">HCPL2530S.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 30326 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

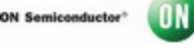
Specifications of HCPL2530S

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HCPL2530S                                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                              |
| DESCRIPTION                      | OPTOISO 2.5KV 2CH TRANS 8SMD                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 30326 pcs                                                                                                         |
| DATA SHEET                       |  <a href="#">HCPL2530S.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-SMD                                                                                                             |
| SERIES                           | -                                                                                                                 |
| RISE / FALL TIME (TYP)           | -                                                                                                                 |
| PACKAGING                        | Tube                                                                                                              |
| PACKAGE / CASE                   | 8-SMD, Gull Wing                                                                                                  |
| OUTPUT TYPE                      | Transistor                                                                                                        |
| OTHER NAMES                      | HCPL-2530S                                                                                                        |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                                                                                     |
| NUMBER OF CHANNELS               | 2                                                                                                                 |
| 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 Output 2500Vrms 2 Channel 8-SMD                                                           |
| 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 HCPL2530S      | HCPL2530S Distributor                                | HCPL2530S Supplier                                 |
| HCPL2530S Price                                     | HCPL2530S Pictures                                   | HCPL2530S Image                                    |
| HCPL2530S PDF Datasheet                             | HCPL2530S Download Datasheet                         | HCPL2530S Datasheet                                |
| HCPL2530S Stock                                     | Buy HCPL2530S                                        | Buy AMI Semiconductor / ON Semiconductor HCPL2530S |
| AMI Semiconductor / ON Semiconductor HCPL2530S      | AMI Semiconductor / ON Semiconductor Supplier        | AMI Semiconductor / ON Semiconductor Distributor   |
| AMI Semiconductor / ON Semiconductor HCPL2530S      | ON Semiconductor HCPL2530S                           | Aptina / ON Semiconductor HCPL2530S                |
| Catalyst Semiconductor / ON Semiconductor HCPL2530S | PulseCore Semiconductor / ON Semiconductor HCPL2530S | Sanyo Semiconductor / ON Semiconductor HCPL2530S   |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>HCPL2530M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOCOUPLER TRANS OUT 8MDIP<br/>In stock: 39051 pcs<br/>RFQ</div>     |  <div><b>HCPL2530SV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV 2CH TRANS 8SMD<br/>In stock: 4022 pcs<br/>RFQ</div>    |
|  <div><b>HCPL2530SM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV 2CH TRANSISTOR<br/>In stock: 28860 pcs<br/>RFQ</div>   |  <div><b>HCPL2530V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV 2CH TRANS 8DIP<br/>In stock: 4725 pcs<br/>RFQ</div>     |
|  <div><b>HCPL2530SDM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV 2CH TRANSISTOR<br/>In stock: 27790 pcs<br/>RFQ</div>  |  <div><b>HCPL2530</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV 2CH TRANS 8DIP<br/>In stock: 42503 pcs<br/>RFQ</div>     |
|  <div><b>HCPL2503V</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8DIP<br/>In stock: 4662 pcs<br/>RFQ</div>  |  <div><b>HCPL2503WV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8DIP<br/>In stock: 6658 pcs<br/>RFQ</div> |
|  <div><b>HCPL2503SV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8SMD<br/>In stock: 2777 pcs<br/>RFQ</div> |  <div><b>HCPL2503W</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV TRANS W/BASE 8DIP<br/>In stock: 6522 pcs<br/>RFQ</div>  |
|  <div><b>HCPL2530SDV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV 2CH TRANS 8SMD<br/>In stock: 6453 pcs<br/>RFQ</div>   |  <div><b>HCPL2530SD</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: OPTOISO 2.5KV 2CH TRANS 8SMD<br/>In stock: 76965 pcs<br/>RFQ</div>   |