



 **AMI Semiconductor / ON**

HCPL0500

Part Number:	HCPL0500
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description:	OPTOCOUPLER SGL TRANS OUT 8SOIC
Datasheets:	 HCPL0500.pdf
RoHs Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS


Semiconductor



Image may be representation. See specifications for product details.

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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
DATA SHEET	 HCPL0500.pdf
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)
MANUFACTURER STANDARD LEAD TIME	15 Weeks
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
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Catalyst Semiconductor / ON Semiconductor HCPL0500	PulseCore Semiconductor / ON Semiconductor HCPL0500	Sanyo Semiconductor / ON Semiconductor HCPL0500

Related Products

 <p>HCPL0452V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>	 <p>HCPL0500V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>
 <p>HCPL0501 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SO In stock: Out stock RFQ</p>	 <p>HCPL0452R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>
 <p>HCPL0500R1 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>	 <p>HCPL0453R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER TRANS 1CHAN HS 8SOIC In stock: Out stock RFQ</p>
 <p>HCPL0453 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER TRANS 1CH HS 8SOIC In stock: Out stock RFQ</p>	 <p>HCPL0452R2V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>
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 <p>HCPL0500R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>	 <p>HCPL0500R1V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>