



 **AMI Semiconductor / ON**

HCPL0501R1

Part Number:	HCPL0501R1
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description:	OPTOCOUPLER SGL TRANS OUT 8-SOIC
Datasheets:	 HCPL0501R1.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

Semiconductor

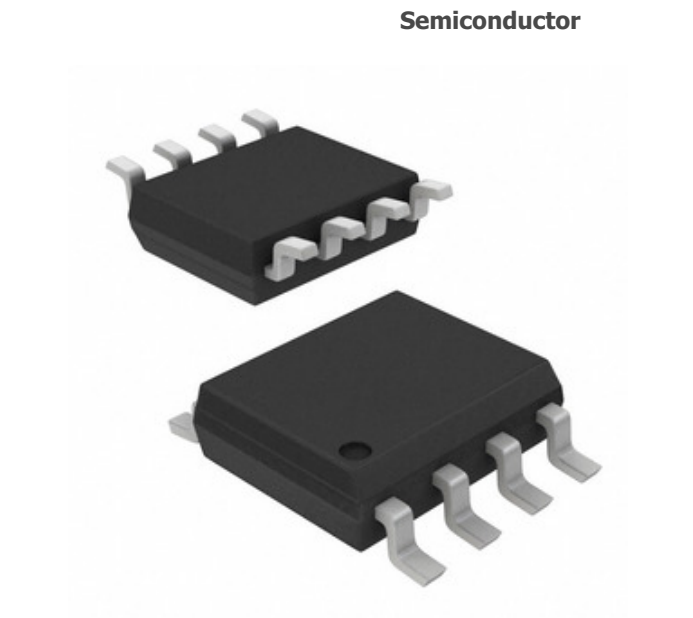



Image may be representation. See specifications for product details.

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Specifications of HCPL0501R1

PART NUMBER	HCPL0501R1
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	OPTOCOUPLER SGL TRANS OUT 8-SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 HCPL0501R1.pdf
VOLTAGE - OUTPUT (MAX)	20V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.45V
VCE SATURATION (MAX)	-
TURN ON / TURN OFF TIME (TYP)	450ns, 300ns
SUPPLIER DEVICE PACKAGE	8-SO Tall
SERIES	-
RISE / FALL TIME (TYP)	-
PACKAGING	Tape & Reel (TR)
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)	19% @ 16mA
CURRENT TRANSFER RATIO (MAX)	50% @ 16mA
CURRENT - OUTPUT / CHANNEL	8mA
CURRENT - DC FORWARD (IF) (MAX)	25mA

Related Tags

AMI Semiconductor / ON Semiconductor HCPL0501R1	HCPL0501R1 Distributor	HCPL0501R1 Supplier
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Catalyst Semiconductor / ON Semiconductor HCPL0501R1	PulseCore Semiconductor / ON Semiconductor HCPL0501R1	Sanyo Semiconductor / ON Semiconductor HCPL0501R1

Related Products

 <p>HCPL0500R1 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>	 <p>HCPL0500R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>
 <p>HCPL0501R2V Manufacturers: Fairchild/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>HCPL0500V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>	 <p>HCPL0500R2V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: 85 pcs RFQ</p>
 <p>HCPL0501R1V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>	 <p>HCPL0530R1 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER TRANS 2CHAN HS 8SOIC 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>	 <p>HCPL0501R2 Manufacturers: Fairchild/ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: 457 pcs RFQ</p>
 <p>HCPL0501V Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC In stock: Out stock RFQ</p>	 <p>HCPL0530 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER TRANS 2CHAN HS 8SOIC In stock: Out stock RFQ</p>