



AMI Semiconductor / ON

Semiconductor



HCPL0701R1

Part Number:	HCPL0701R1
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description	OPTOCOUPLER SGL DARL OUT 8-SOIC
Datasheets:	 HCPL0701R1.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of HCPL0701R1

PART NUMBER	HCPL0701R1
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	OPTOCOUPLER SGL DARL OUT 8-SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 HCPL0701R1.pdf
VOLTAGE - OUTPUT (MAX)	18V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.25V
VCE SATURATION (MAX)	-
TURN ON / TURN OFF TIME (TYP)	300ns, 1.6µs
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	Darlington 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 Darlington with Base Output 2500Vrms 1 Channel 8-SO Tall
CURRENT TRANSFER RATIO (MIN)	500% @ 1.6mA
CURRENT TRANSFER RATIO (MAX)	2600% @ 1.6mA
CURRENT - OUTPUT / CHANNEL	60mA
CURRENT - DC FORWARD (IF) (MAX)	20mA

Related Tags

AMI Semiconductor / ON Semiconductor HCPL0701R1	HCPL0701R1 Distributor	HCPL0701R1 Supplier
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Catalyst Semiconductor / ON Semiconductor HCPL0701R1	PulseCore Semiconductor / ON Semiconductor HCPL0701R1	Sanyo Semiconductor / ON Semiconductor HCPL0701R1

Related Products

 HCPL0701R2 Manufacturers: AMI Semiconductor / ON Semiconductor Description: OPTOCOUPLER SGL DARL OUT 8-SOIC In stock: Out stock RFQ	 HCPL0701V Manufacturers: Fairchild/ON Semiconductor Description: OPTOCOUPLER SGL DARL OUT 8-SOIC In stock: Out stock RFQ
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