




Fairchild/ON Semiconductor

## HCPL0501R2

Part Number:	HCPL0501R2
Manufacturer/Brand:	FDK America
Product description:	OPTOCOUPLER SGL TRANS OUT 8-SOIC
Datasheets:	<a href="#">PDF HCPL0501R2.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.













### Specifications of HCPL0501R2

PART NUMBER	HCPL0501R2
MANUFACTURER	Fairchild/ON Semiconductor
DESCRIPTION	OPTOCOUPLER SGL TRANS OUT 8-SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF HCPL0501R2.pdf</a>
VOLTAGE - BREAKDOWN	8-SOIC
VCE SATURATION (MAX)	450ns, 300ns
TURN ON / TURN OFF TIME (TYP)	50% @ 16mA
SERIES	-
ROHS STATUS	Digi-Reel®
POLARIZATION	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Transistor with Base
OTHER NAMES	HCPL0501R2DKR
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF CHANNELS	1
NOISE - 0.1HZ TO 10HZ	20V
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
MANUFACTURER PART NUMBER	HCPL0501R2
KIT TYPE	-
INPUT TYPE	DC
HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)	-
EXPANDED DESCRIPTION	Optoisolator Transistor with Base Output 2500Vrms 1 Channel 8-SOIC
DESCRIPTION	OPTOCOUPLER SGL TRANS OUT 8-SOIC
CURRENT TRANSFER RATIO (MIN)	25mA
CURRENT TRANSFER RATIO (MAX)	19% @ 16mA
CURRENT - DC FORWARD (IF) (MAX)	1.45V
CURRENT - BREAKOVER	2500Vrms
CHANNELS PER IC	8mA

### Related Tags

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