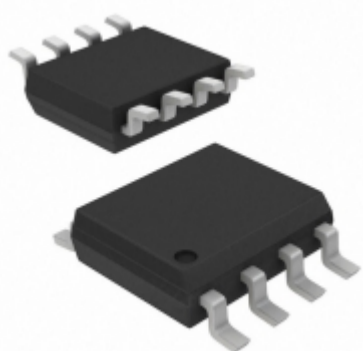


HCPL0501R2



Part Number: [HCPL0501R2](#)
Manufacturer: [Fairchild/ON Semiconductor](#)
Description: OPTOCOUPLER SGL TRANS OUT 8-SOIC
Data sheet: [HCPL0452-53, 0500-01/30-31/34](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
 See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	HCPL0501R2
Manufacturer	Fairchild/ON Semiconductor
Description	OPTOCOUPLER SGL TRANS OUT 8-SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	63732 pcs
Product Photo	HCPL0501R2.jpg
Category	Isolators
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 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

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