

ON Semiconductor®

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Part Number:	HCPL0637R2
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description	OPTOISO 3.75KV 2CH OPEN COLL 8SO
Datasheets:	 HCPL0637R2.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	26971 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of HCPL0637R2

PART NUMBER	HCPL0637R2
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	OPTOISO 3.75KV 2CH OPEN COLL 8SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	26971 pcs
DATA SHEET	 HCPL0637R2.pdf
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.75V (Max)
SUPPLIER DEVICE PACKAGE	8-SO Tall
SERIES	-
RISE / FALL TIME (TYP)	17ns, 5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	75ns, 75ns
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Open Collector, Schottky Clamped
OTHER NAMES	HCPL0637R2CT
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUTS - SIDE 1/SIDE 2	2/0
INPUT TYPE	DC
DETAILED DESCRIPTION	Logic Output Optoisolator 10Mbps Open Collector, Schottky Clamped 3750Vrms 2 Channel 5kV/μs CMTI 8-SO Tall
DATA RATE	10Mbps
CURRENT - OUTPUT / CHANNEL	15mA
CURRENT - DC FORWARD (IF) (MAX)	-
COMMON MODE TRANSIENT IMMUNITY (MIN)	5kV/μs

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