

ON Semiconductor®


AMI Semiconductor / ON

Semiconductor



HCPL0638

Part Number:	HCPL0638
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description	OPTOISO 3.75KV 2CH OPEN COLL 8SO
Datasheets:	 HCPL0638.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of HCPL0638

PART NUMBER	HCPL0638
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	OPTOISO 3.75KV 2CH OPEN COLL 8SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 HCPL0638.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	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Open Collector, Schottky Clamped
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	15 Weeks
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 10kV/μs CMTI 8-SO Tall
DATA RATE	10Mbps
CURRENT - OUTPUT / CHANNEL	15mA
CURRENT - DC FORWARD (IF) (MAX)	-
COMMON MODE TRANSIENT IMMUNITY (MIN)	10kV/μs

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