

Vishay / Semiconductor - Opto

### K3012P

Part Number:	K3012P
Manufacturer/Brand:	Vishay / Semiconductor - Opto Division
Product description:	OPTOISOLATOR 5.3KV TRIAC 6DIP
Datasheets:	<a href="#">K3012P.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	80925 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

#### Division

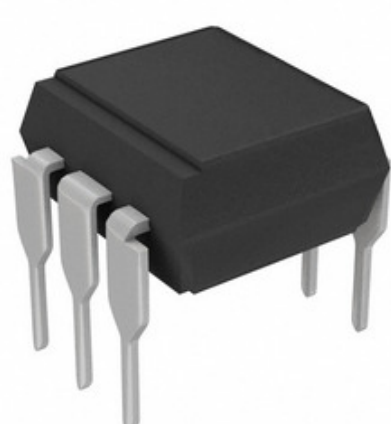


Image may be representation. See specifications for product details.

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#### Specifications of K3012P

PART NUMBER	K3012P
MANUFACTURER	Vishay / Semiconductor - Opto Division
DESCRIPTION	OPTOISOLATOR 5.3KV TRIAC 6DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	80925 pcs
DATA SHEET	<a href="#">K3012P.pdf</a>
ZERO CROSSING CIRCUIT	No
VOLTAGE - OFF STATE	250V
VOLTAGE - ISOLATION	5300Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.25V
TURN ON TIME	-
SUPPLIER DEVICE PACKAGE	6-DIP
STATIC DV/DT (MIN)	10kV/μs (Typ)
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	6-DIP (0.300", 7.62mm)
OUTPUT TYPE	Triac
OPERATING TEMPERATURE	-55°C ~ 100°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Through Hole
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	Optoisolator Triac Output 5300Vrms 1 Channel 6-DIP
CURRENT - ON STATE (IT (RMS)) (MAX)	100mA
CURRENT - LED TRIGGER (IFT) (MAX)	5mA
CURRENT - HOLD (IH)	100μA (Typ)
CURRENT - DC FORWARD (IF) (MAX)	80mA
APPROVALS	BSI, CQC, UR, VDE

#### Related Tags

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#### Related Products

<p><b>K300J15C0GF53L2</b> Manufacturers: Electro-Films (EFI) / Vishay Description: CAP CER 30PF 50V NP0 RADIAL In stock: 2829758 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>K3010P-X007T</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5.3KV TRIAC 6SMD In stock: 258669 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>K3020PG</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5.3KV TRIAC 6DIP In stock: 330179 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>K3020P</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5.3KV TRIAC 6DIP In stock: 85293 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>K3010PG</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5.3KV TRIAC 6DIP In stock: 345521 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>K300J15C0GF5TH5</b> Manufacturers: Electro-Films (EFI) / Vishay Description: CAP CER 30PF 50V NP0 RADIAL In stock: 2968207 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>K3022P</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5.3KV TRIAC 6DIP In stock: 83312 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>K3010P</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5.3KV TRIAC 6DIP In stock: 272358 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>K3021P</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5.3KV TRIAC 6DIP In stock: 345242 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>K3012P-X007T</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5.3KV TRIAC 6SMD In stock: 275884 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>K3011P</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5.3KV TRIAC 6DIP In stock: 287821 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>K3021PG</b> Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5.3KV TRIAC 6DIP In stock: 110136 pcs</p> <p><a href="#">RFQ</a></p>