

# AC Optocouplers / High Speed DC Optocouplers

**X7485** = Product group; Product group discount X 74 8\_

**TOSHIBA (TOS)**  
**AC Optocouplers**  
 Transistor Output  
 Series: TLP\_  
 Case: DIP, MFP

Part Nr.	Part description
TLP126	Optoc.-AC 3,75kV 80V 50mA >100% MFP4
TLP620	Optoc.-AC 5kV 55V 60mA >50% DIP4
TLP620-2	2xOptoc.-AC 5kV 55V 50mA >50% DIP8
TLP620-4	4xOptoc.-AC 5kV 55V 50mA >50% DIP16

## Technical Specifications

Part Nr.	Approvals	$U_{ISO}$ [V AC]	CTR [%]	$I_F$ [mA]	$U_{CEO}$ [V]
TLP126	1)	3750	>100	1	80
TLP620	1) 6)	5000	>50	5	55
TLP620-2	1) 6)	5000	>50	5	55
TLP620-4	1) 6)	5000	>50	5	55

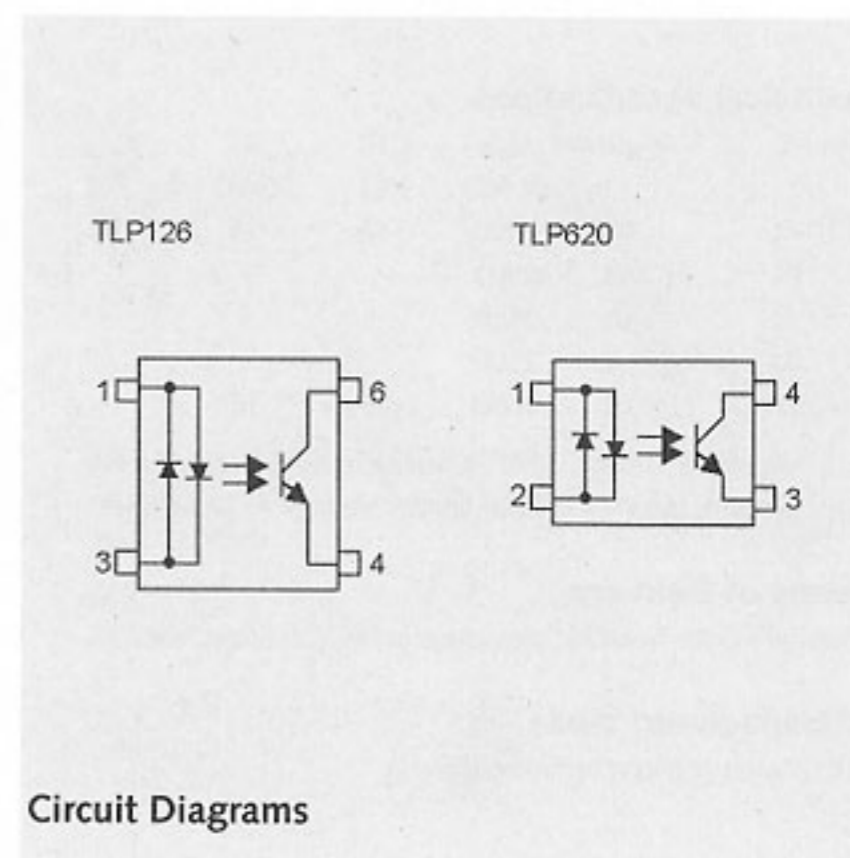
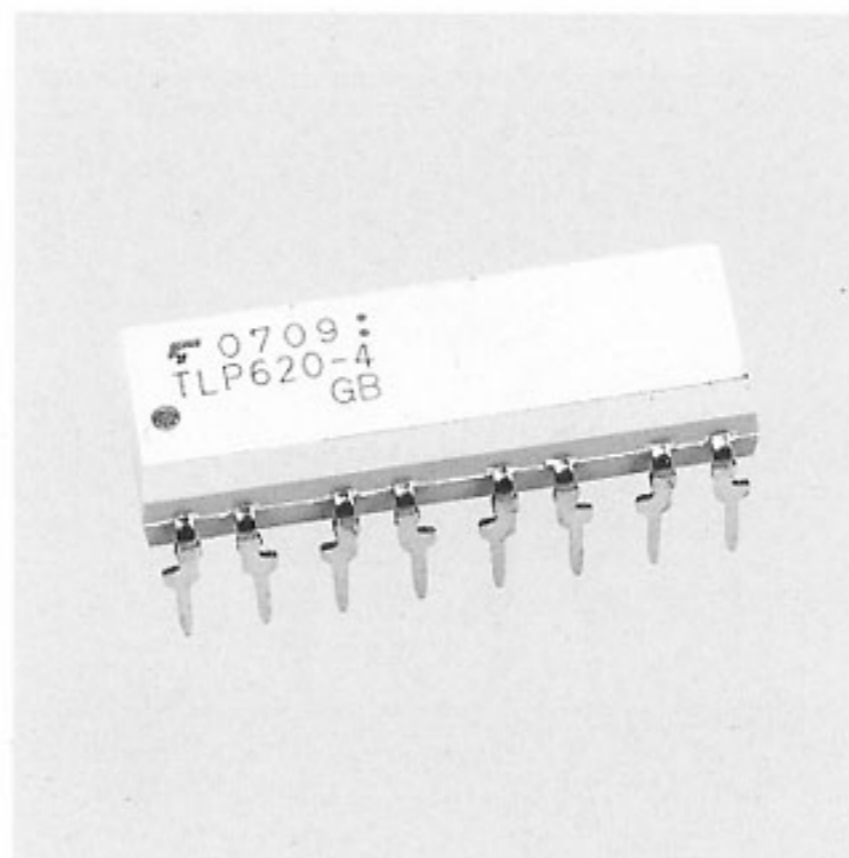
$U_{ISO}$  = Isolation Voltage, CTR = Current Transfer Ratio,  $I_F$  = Forward Current,  $U_{CEO}$  = Collector Emitter Voltage At Open Base,  
 1) UL, 2) TÜV, 3) VDE, 4) SEMKO, 5) DEMKO, 6) BS/EI

## Terms of Delivery

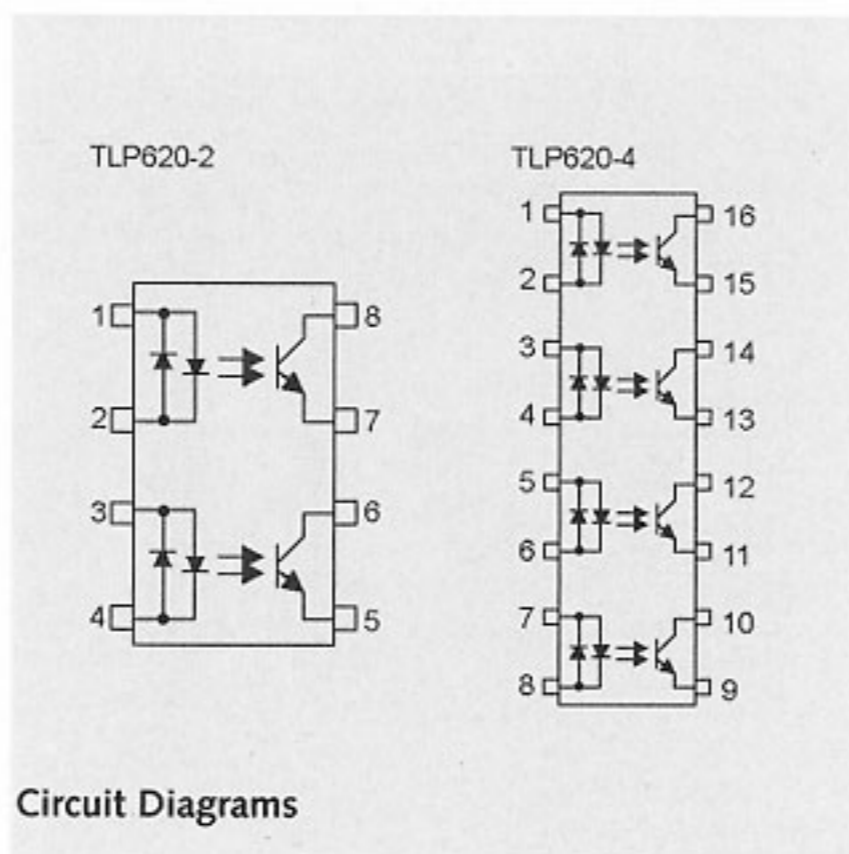
Minimum order quantity: please see price list column "MOQ".

Manufacturer: Toshiba

<http://www.semicon.toshiba.co.jp/eng>



Circuit Diagrams



Circuit Diagrams

**X7625** = Product group; Product group discount X 76 2\_

**SHARP**  
**High Speed DC Optocouplers**  
 OPIC Output  
 Series: PC\_  
 Case: DIP, MFP, SMD

Part Nr.	Part description
PC400TJ0000F	OPIC 3,75kV TTL/LSTTL-Outp MFP5
PC410LONIP0F	OPIC 3,75kV High CMR 10MBd MFP5
PC457LONIP0F	OPIC 3,75kV High CMR 1MBd MFP5
PC900V0NSZXF	OPIC 5kV TTL/LSTTL-Outp DIP6
PC925LONSZ0F	! OPIC 5kV MOSFET Dr. 2,5A DIP8
PC925LONIP0F	! OPIC 5kV MOSFET Dr. 2,5A SMD8

## Technical Specifications

Part Nr.	Approvals	$U_{ISO}$ [V AC]	CTR [%]	$I_F$ [mA]	$U_{CEO}$ [V]
PC400TJ0000F	UL	3750	-	-	-
PC410LONIP0F	UL	3750	-	-	-
PC457LONIP0F	UL	3750	19...50	16	-
PC900V0NSZXF	UL	5000	-	-	-
PC925LONSZ0F	UL	5000	-	-	-
PC925LONIP0F	UL	5000	-	-	-

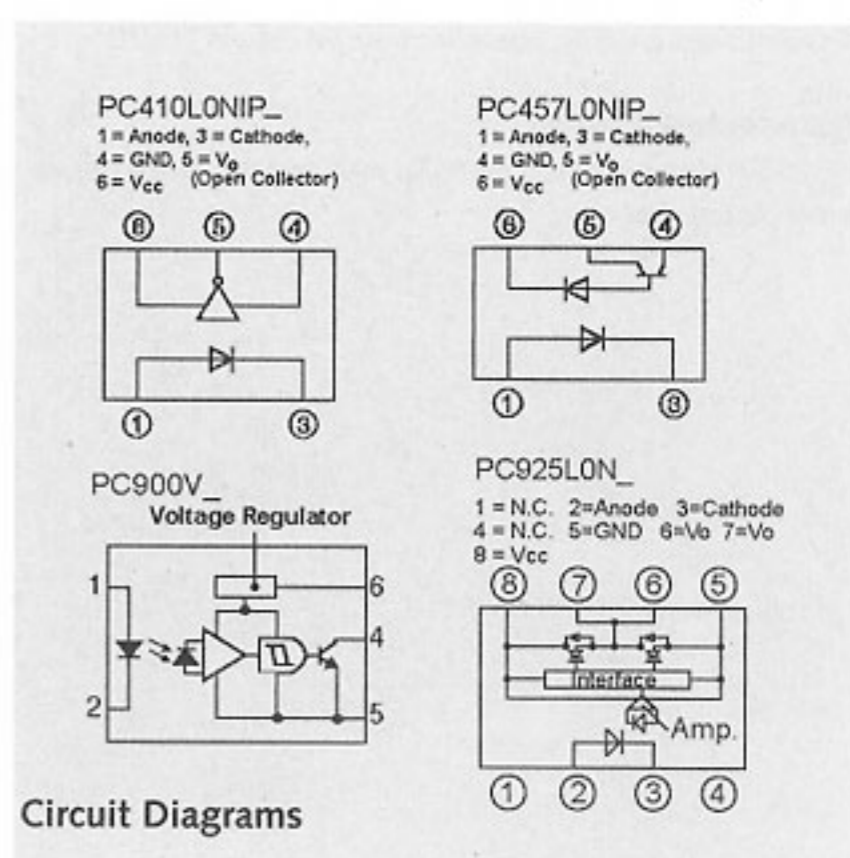
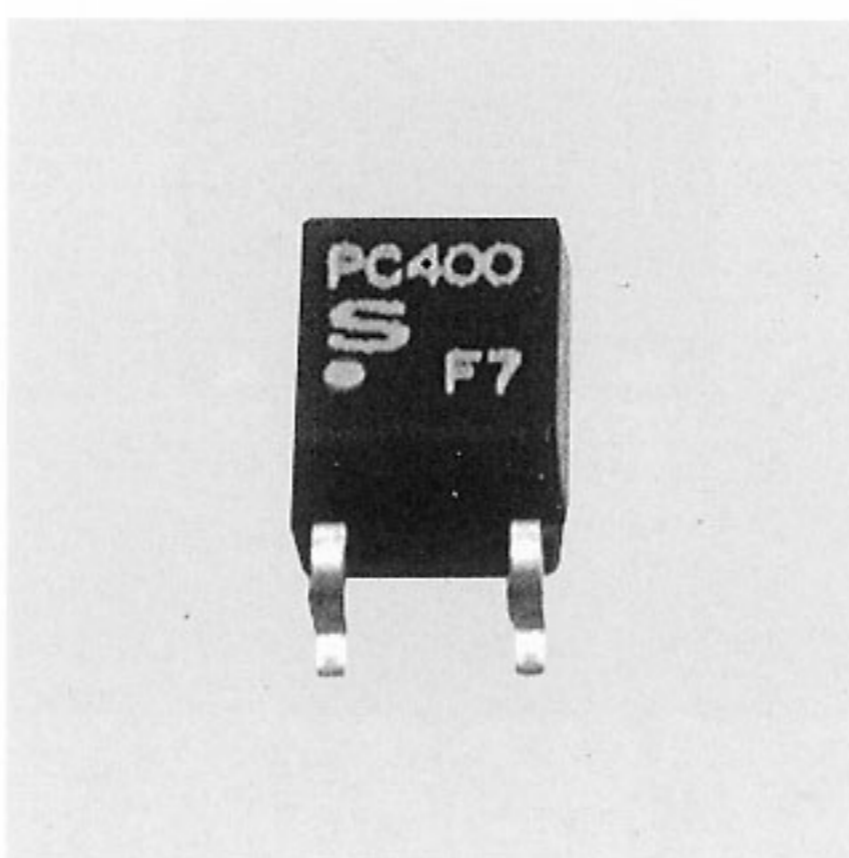
$U_{ISO}$  = Isolation Voltage, CTR = Current Transfer Ratio,  $I_F$  = Forward Current,  $U_{CEO}$  = Collector Emitter Voltage At Open Base

## Terms of Delivery

Minimum order quantity: please see price list column "MOQ".  
 Articles in bold print in stock, other articles available on request.

Manufacturer: SHARP

<http://www.sharpsme.com>



Circuit Diagrams