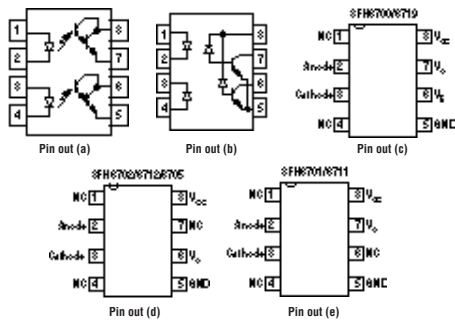


Optocouplers — Continued

Transistor Output – continued

Mfrs. List No.	Order Code	Price Each			
		1+	25+	100+	250+ 500+
TCDT1122	315-2297				
TCDT1122G	315-2303				
TCDT1123	315-2315				
TCDT1123G	315-2327				
TCDT1124	315-2339				
TCDT1124G	315-2340				
High Voltage Transistor Output					
H11D1	326-306				
SFH640-2	264-866				
AC Input, Transistor Output					
H11AA1	461-003				
TLP630	624-068				
CMOS Compatible Input, Transistor Output					
H11AG1	326-343				
SFH608-4	254-850				

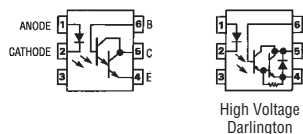
Single and Dual, Transistor Output and Logic Output, High Speed



Channels	Pin Out	Isolation ac Test Voltage (V _{rms})	Curr. trsrfr Ration min (%)	①I _F (mA)	Switching Time (μs) typ.	Mfrs. List No.	Order Code
Transistor Output - High Speed							
Single	d	5300	19	16	0.3	SFH6136	325-788
Single	d	5300	19	16	0.3	SFH6345	567-796
Dual	b	2500	16	16	0.3	SFH6325	143-492
Channels	Pin Out	CMR(min.) (V/us)	@(VCM)	Input On-Current (mA)	Prop. Delay typ. (ns)	Mfrs. List No.	Order Code
Logic Output - High Speed - 5Mbit/sec							
Single	c	1000	50	5	115	SFH6700	143-534
Single	c	2500	400	5	115	SFH6719	143-583
Single	d	1000	50	5	115	SFH6705	248-812
Single	e	1000	50	5	115	SFH6701	248-824
Single	d	1000	50	5	115	SFH6702	248-836
Single	e	2500	400	5	115	SFH6711	248-848
Single	d	2500	400	5	115	SFH6712	248-850

Mfrs. List No.	Order Code	1+	25+	100+	250+	500+
Transistor Output						
SFH6136	325-788					
SFH6345	567-796					
SFH6325	143-492					
Logic Output						
SFH6700	143-534					
SFH6719	143-583					
SFH6705	248-812					
SFH6701	248-824					
SFH6702	248-836					
SFH6711	248-848					
SFH6712	248-850					

Darlington Output

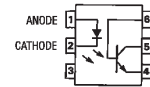


Note: TIL188-1 is similar to TIL187-1 but has pin 6 unconnected, giving high base-noise immunity. QT types are approved to CSA.

Isolation Voltage (pk) (*dc)	Curr. Trsrfr. Ratio @ I _F = 10mA min.	Breakdown V _(BR) CEO min.	Switching Time (μs) typ.		Mfrs.	Mfrs. List No.
			t _r	t _f		
Darlington Output						
2500	500%	30	5	100	Toshiba	4N32 (SHORT)
2500	500%	30	5	100	QT	4N32-QT
1500	500%	30	0.6	5	QT	4N33-M
1500	500%	30	5	100	QT	4N33
4400*	600%	30	5	30	QT	CNX48
2500	500%	25	125	100	QT	H11B1
High Voltage Darlington Output						
3535	1000%	100	5	100	QT	H11G1
3535	1000%	80	5	100	QT	H11G2
3535	1000%	55	5	100	QT	H11G3
AC Input, Darlington Output						
3535	500%	55	100	100	TI	TIL188-1 OPT116

Mfrs. List No.	Order Code	1+	25+	100+	1K+
Darlington Output					
4N32 (SHORT)	624-081				
4N32-QT	326-380				
		1+	25+	100+	250+ 500+
4N33	NEW 333-0163				
			25+	100+	1K+
4N33-QT	326-409				
CNX48	326-525				
H11B1	326-410				
High Voltage Darlington Output					
H11G1	326-434	1+	25+	100+	250+ 500+
H11G2	326-446				
H11G3	326-458				
AC Input, Darlington Output					
TIL188-1	326-574	1+	25+	100+	

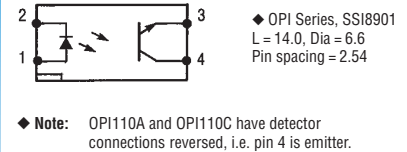
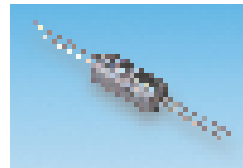
Transistor Output



Isolation Voltage (pk)	CTR _{CE} (typ.) @ I _F	CTR _{CE} (SAT) (min.) @ I _F	Breakdown V _(BR) CEO (min.)	Mfrs. List No.
3500	200% @ 10mA	75% @ 10mA	30V	MCT5200
3500	300% @ 5mA	120% @ 5mA	30V	MCT5201
3500	400% @ 3mA	60% @ 3mA	30V	MCT5210
3500	110% @ 1mA	75% @ 1mA	30V	MCT5211 OPT177

Mfrs. List No.	Order Code	1+	100+	500+
MCT5200	326-586			
MCT5201	326-598			
MCT5210	326-604			
MCT5211	326-616			

Transistor Output – 10kV Isolation



OPTEK types are VDE approved and UL recognised. SSI8901 and OPI1264D are BASEEFA approved.

Isolation Voltage	Curr. Trsrfr. Ratio (min.) @ I _F	Breakdown V _(BR) CEO	Mfrs.	Mfrs. List No.
10,000V dc	25% @ 10mA	30V	Optek	OPI1264A
10,000V dc	100% @ 10mA	30V	Optek	OPI1264C
10,000V dc	100% @ 1mA	30V	Bedford	OPI1264D
10,000V dc	25% @ 10mA	30V	Optek	OPI110A
10,000V dc	100% @ 10mA	30V	Optek	OPI110C
10,000V dc	25% @ 10mA	30V	Bedford	SSI8901 OPT119

Mfrs. List No.	Order Code	1+	25+	100+	250+
OPI1264A	326-630				
OPI1264C	232-520				
OPI1264D	232-440				
OPI110A	232-531				
OPI110C	232-543				
SSI8901	179-223				