

Opto Isolators for Power Supplies



Package	Dim. Fig.	Part Number	Characteristics							
			V_{IO} V_{IOTM}	CTR $I_F=10\text{ mA}$ %	V_{CEO} V	V_{CEsat} @ I_F and I_C V		t_{on} / t_{off} @ I_F $R_L=100\ \Omega$ μs / mA		
Multi-Channel Opto Isolators – with Transistor Output										
 Dual-channel 8-pin DIP	84/85	TCET2100(G) ⁴⁾								
 Quad-channel 16-pin-DIP	86/87	TCET4100(G) ⁴⁾	8000	50 to 600 ¹⁾	> 70	< 0.3	10	1	6	2
Multi-Channel Opto Isolators – with AC Input										
 Dual-channel 8-pin DIP	84/85	TCET2600(G) ⁴⁾								
 Quad-channel 16-pin-DIP	86/87	TCET4600(G) ⁴⁾	8000	> 20 ¹⁾	> 70	< 0.3	10	1	6	2
Multi-Channel Opto Isolators – with Darlington Output										
 Dual-channel 8-pin DIP	84/85	TCED2100(G) ⁴⁾								
 Quad-channel 16-pin-DIP	86/87	TCED4100(G) ⁴⁾	8000	> 600 ³⁾	> 70	< 0.3	10	1	60 ²⁾	10

1) $I_F = 5\text{ mA}$, 2) t_r / t_f

3) $I_F = 1\text{ mA}$

4) Order "G" devices, e.g., K3011PG with wide-spaced 0.4" lead form, for 8 mm pc board spacing safety requirements!