

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		$t_{on} / t_{off}$ @ $I_F$ $R_L=100\ \Omega$ $\mu\text{s}$ / mA		
<b>Multi-Channel Opto Isolators – with Transistor Output</b>										
 Dual-channel 8-pin DIP	84/85	TCET2100(G) <sup>4)</sup>								
 Quad-channel 16-pin-DIP	86/87	TCET4100(G) <sup>4)</sup>	8000	50 to 600 <sup>1)</sup>	> 70	< 0.3	10	1	6	2
<b>Multi-Channel Opto Isolators – with AC Input</b>										
 Dual-channel 8-pin DIP	84/85	TCET2600(G) <sup>4)</sup>								
 Quad-channel 16-pin-DIP	86/87	TCET4600(G) <sup>4)</sup>	8000	> 20 <sup>1)</sup>	> 70	< 0.3	10	1	6	2
<b>Multi-Channel Opto Isolators – with Darlington Output</b>										
 Dual-channel 8-pin DIP	84/85	TCED2100(G) <sup>4)</sup>								
 Quad-channel 16-pin-DIP	86/87	TCED4100(G) <sup>4)</sup>	8000	> 600 <sup>3)</sup>	> 70	< 0.3	10	1	60 <sup>2)</sup>	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!