

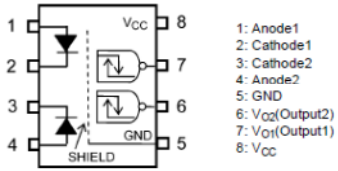
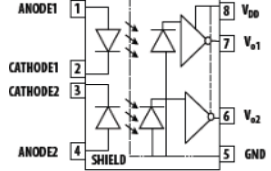


20M Totempole (SO8(Dual))

Spec.	 TLP2160	 HCPL-074L
PKG	SO8(Dual)	SO8(Dual)
Schematic		
Output Stage	Totempole (Inverter logic)	Totempole (Inverter logic)
Supply Voltage [Vcc] Recommend Operating conditions	2.7 to 3.6 V / 4.5 to 5.5 V	3.0 to 3.6 V / 4.5 to 5.5 V
Operating Temperature Range Topr	-40~125°C	-40~105°C
Input threshold current IFH (max)	3.5 mA	8.8 mA
Logic Low/High Supply Current IccL/ICCH (max)	ICCL / ICCH : 5 mA	ICCL / ICCH : 12 mA
Propagation Delay Time tpLH/tpHL (max.)	55 ns	50 ns
Pulse Width Distortion tpHL-tpLH (max)	30 ns	30 ns
Propagation Delay Skew tpsk (max.)	30 ns	30 ns
Common Mode Transient Immunity CMH/CML (min.) (Ta=25°C)	20 kV/ms	10 kV/ms
Isolation Voltage BVs (min) (Ta=25°C)	2500 Vrms	3750 Vrms