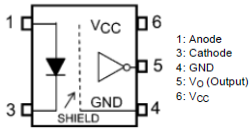
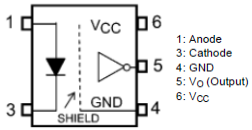
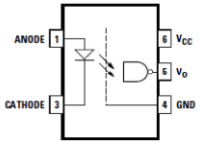
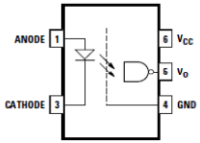
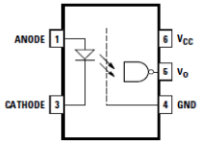
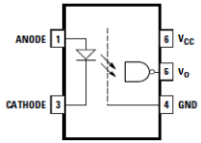
20M Open-Collector（SO6）

Spec.	TOSHIBA Leading Innovation >>> TLP118	TOSHIBA Leading Innovation >>> TLP2368	AVAGO TECHNOLOGIES HCPL-M600	AVAGO TECHNOLOGIES HCPL-M601	AVAGO TECHNOLOGIES HCPL-M611	AVAGO TECHNOLOGIES ACPL-M60L
PKG	SO6	SO6	SO6	SO6	SO6	SO6
Schematic						
Output Stage	Open-collector	Open-collector	Open-collector	Open-collector	Open-collector	Open-collector
Supply Voltage [Vcc] Recommend Operating conditions	4.5 to 5.5 V	**2.7 to 3.6 V / 4.5 to 5.5 V**	4.5 to 5.5 V	4.5 to 5.5 V	4.5 to 5.5 V	**2.7 to 3.6 V / 4.5 to 5.5 V**
Operating Temperature Range Topr	**-40~125°C**	**-40~125°C**	-40~85°C	-40~85°C	-40~85°C	-40~85°C
Input threshold current IFH (max)	5 mA	5 mA	5 mA	5 mA	5 mA	5 mA
Logic Low/High Supply Current IccL/ICCH (max)	**ICCL / ICCH : 5 mA**	**ICCL / ICCH: 4 mA**	ICCL : 10.5 mA ICCH : 7.5 mA	ICCL : 10.5 mA ICCH : 7.5 mA	ICCL : 10.5 mA ICCH : 7.5 mA	ICCL : 10.5 mA ICCH : 7.5 mA
Propagation Delay Time tpLH/tpHL (max.)	**60 ns**	**60 ns**	100 ns	100 ns	100 ns	100 ns
Pulse Width Distortion |tpHL-tpLH| (max)	30 ns	35 ns	35 ns	35 ns	35 ns	35 ns
Propagation Delay Skew tpsk (max.)	40 ns	40 ns	40 ns	40 ns	40 ns	40 ns
Common Mode Transient Immunity CMH/CML (min.) (Ta=25°C)	**15 kV/µs**	**15 kV/ms**	-	5 kV/ms	10 kV/ms	**15 kV/ms**
Isolation Voltage BVs (min) (Ta=25°C)	3750 Vrms	3750 Vrms	3750 Vrms	3750 Vrms	3750 Vrms	3750 Vrms