



1. Features

- 1) Low V_{CC} supply voltage
- 2) Low power consumption
- 3) High speed: 15MBd(typical)
- 4) $V_{CE} = 1000V$, and the lowest common mode inhibition (CMR) is 10 kV/μs.
- 5) $-40^{\circ}C \sim +110^{\circ}C$ temperature of AC and DC performance.
- 6) RoHS approval

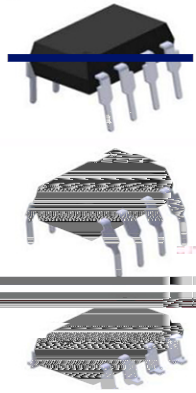
UL approved (No.E323844)

VDE approved (No.40020733)

CCC approved (No.CQC19001251254)

7) Full compliance with RoHS, REACH standards

(8) MSL CLASS 1



2. Applications

and high-speed optical detector. This device provides high ac and dc isolation between the input and output ~~side of the hybrid circuit channel~~. Low output characteristics of the photo detector, a collector open circuit, sensitive clamp transistor. The total mode transient immunity should reach 10 kV/μs at 2.5 V. The photo detector sensitive operating temperature range: $-40^{\circ}C \sim +110^{\circ}C$.

3. ABSOLUTE MAXIMUM RATINGS

2. A/D, D/A converted digital signal isolation

3. eliminate noise from the ground loop

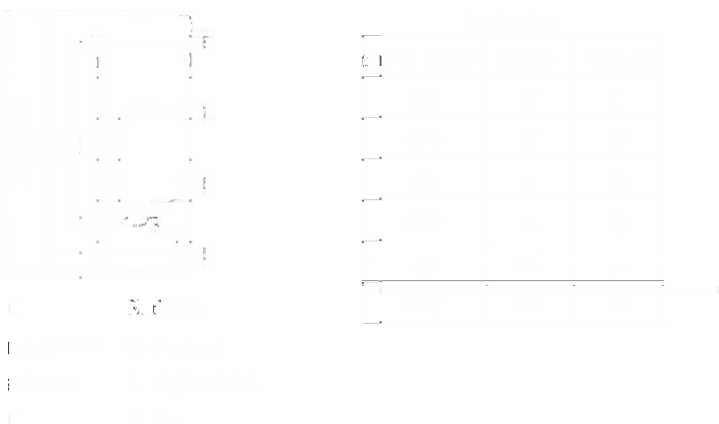
4. switching power supply

1. active pulse transfer

6. MOTOR SYSTEMS

7. use of face of precision system components and peripheral equipment

6. FUNCTIONAL DIAGRAM



0.1 capacitor for bypass capacitance needs to be connected across each VCC pin and GND

5. Absolute Maximum Ratings (Ta=25°C)*1

	Parameter	Symbol	Rated Value	Unit
Input	Average Forward Input Current	I _F	20	mA
	Reverse Input Voltage	V _R	5	V
	Power Dissipation	P _r	40	mW
	Enable Input Voltage	V _E	VCC+0.5	V
	Enable Input current	I _E	5	mA
Output	Output Collector Current	I _O	50	mA
	Output Collector Voltage	V _O	7	V
	Output Collector Power Dissipation	P _O	85	mW

