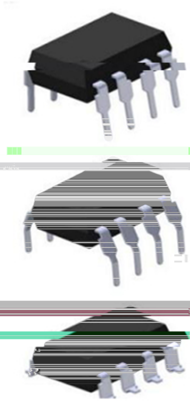

1. Features

(1) 3.3V ~ 5V supply voltage
(2) Low power consumption
(3) High speed: 15MBd(typical)
(4) V_{CM}=1000V, and the lowest common-mode inhibition (CMR) is 10 kV/μs
(5) - 40 °C ~ + 110 °C temperature of AC and DC performance.
(6) Safety approval

UL approved (No.E323844)

VDE approved (No.40029733)

CQC approved (No.CQC19001231234)

(7) In compliance with ROHS, REACH standards
(8) MSL Class I

2. Instructions

[illegible] and high-speed output [illegible] input and output ends of the photoelectric coupler. The output characteristic of the photodetector is a collector open circuit schottky [illegible] [illegible]

The photo[illegible] ... operating temperature range: -40 °C ~ +110 °C.

3. Application

1. [illegible] receive
2. A/D, D/A converted digital signal isolation
3. eliminate noise from the ground loop
4. switching power supply
5. alternative pulse transformers
6. motor control system
7. interface of microprocessor system, computer and peripheral equipment.

4. Functional Di[illegible]

1. NC 5. GND

Input	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	OFF	NC	H

0.1 capacitor: bypass capacitance needs to be connected between [illegible] and [illegible]

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_I	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