



Hall IC

PT3652

General purpose Hall-effect Latch

Applications

- DC brushless motor
- VCD/DVD loader, CD/DVD-Rom
- Cover detector
- Speed Measurement
- Home appliances
- Home safety

Features

- 2.5V to 18V operation
- Built-in dynamic offset cancellation
- Small size
- High balance and low thermal drift magnetic sensing
- ESD protected to 8KV

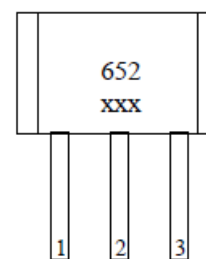
Order information

- PT3652UAK/PKG:TO92-3L 14.6mm
- PT3652ULK/PKG:TO92-3L, 18.7mm

Package Type

P/N: PT3652

TO92-3L



Part Number: 652

Date Code: x(Year) xx(week)

VDD GND OUT

1. VDD/DC power supply
2. GND/DC ground
3. Out/output pin

Specifications

Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Conditions	Rating	Units
Maximum supply voltage	V _{DDmax}		18	V
Allowable power dissipation	P _d	TO92-3L	550	mW
Operating temperature	T _a		-40~+125	°C
Storage temperature	T _s		-50~+150	°C
Max. output current	I _{OMAX}		25	mA

*: On 50mm x 50mm x 1.6mm glass epoxy board