



Hall IC

PT3601A

General purpose Hall-effect Latch

Applications

- DC brushless motor
- Rotation detection
- 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

Ordering information

- PT3601A-PA
Package(PA): UA or LH

P/N: PT3601A-XX

TO92-3L (UA)



SOT23-3L (LH)



Specifications

Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Conditions	Rating	Units
Maximum supply voltage	V _{DDmax}		18	V
Allowable power dissipation	P _D	TO-92(UA)	550*	mW
		SOT-23(LH)	300*	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