



Micro-power Hall IC

PT3661H-BC

Hi-Sensitivity Hall-effect Switch

Applications

- Cover detector
- Battery-operated
- Hand Held Equipment

Features

- Micro-power(5~7uW(typ):Vcc=3.0V)
- 2.4V to 5.0V operation range
- Built-in dynamic offset cancellation
- Small size
- High balance and low thermal drift magnetic sensing
- Micro power Operation
- ESD protected to 5KV(HBM)

Order information

- PT3661H-BC-LH (PKG:SOT23-3L)
- PT3661H-BC-UA (PKG:TO92-3L)

Package Type

P/N: PT3661H-BC-XX

TO92-3L (UA)



SOT23-3L (LH)



Specifications

Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Conditions	Rating	Units
Maximum supply voltage	V _{DD} max		7	V
Allowable power dissipation	P _d	SOT23	300*	mW
Operating temperature	T _a		-40~+85	°C
Storage temperature	T _s		-55~+150	°C
Max. output current	I _{OMAX}		5	mA

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