



Hall IC

PT3602B

General purpose Hall-effect Latch

Applications

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

Features

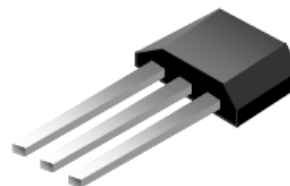
- 2.5V to 18V operation
- Built-in dynamic offset cancellation
- Small size
- High balance and low thermal drift magnetic sensing
- Output with pull-up resistor

Order information

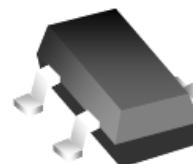
- PT3602B-LH /PKG:SOT23
- PT3602B-UA /PKG:TO92
- Temperature(T): K

P/N: PT3602B-XX-X

TO92-3L (UA)



SOT23-3L (LH)



Specifications

Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Conditions	Rating	Units
Maximum supply voltage	V _{DD} max		18	V
Allowable power dissipation	Pd	TO-92(UA)	550 [*]	mW
		SOT-23(LH)	300 [*]	mW
Operating temperature	Ta	Suffix 'K'	-40~+125	°C
Storage temperature	Ts		-50~+150	°C
Max. output current	I _{OMAX}		25	mA

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