



Hall IC

PT3621A

General purpose Hall-effect Switch

Applications

- 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
- EMC Compatible with ISO 7637-1/2

Order information

- PT3621A-LH /PKG:SOT23
- PT3621A-UA /PKG:TO92
- Temperature(T): K

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 ^{*1}	mW
		SOT-23(LH)	300 ^{*1}	mW
Operating temperature	Ta	Suffix 'K'	-40~+125	°C
Storage temperature	Ts		-55~+150	°C
Maximum Junction temperature	Tjmax		150	°C
Max. output current	IOMAX		25	mA

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

Package Type

P/N: PT3621A-XX-X

TO92-3L (UA)



SOT23-3L (LH)

