



Micro Power Hall IC

Micropower Hi-Sensitivity Hall Effect Switch

PT-3663

Applications

- Cover detector.
- Battery-Operated.
- Hand-Held Equipment.

Features

- 2.4V to 5.5V operation range
- Built-in dynamic offset cancellation
- Small Size
- High balance and low thermal drift magnetic sensing
- Micro power Operation
- Programming pin for the switching direction of output
- ESD protected to 5kV(HBM)

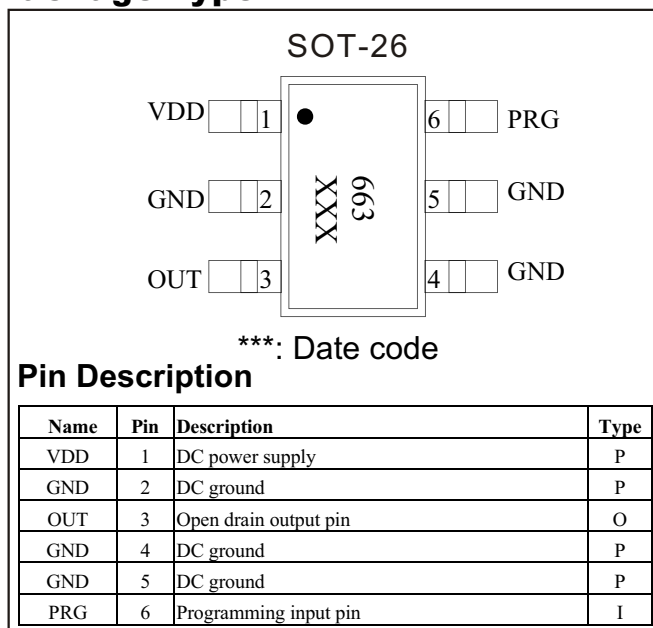
Specifications

Absolute Maximum Ratings (Ta = 25°C)

Parameter	Symbol	Conditions	Ratings	Units
Maximum supply voltage	V_{DD}^{max}		7	V
Allowable power dissipation	Pd		300*	mW
Operating temperature	Ta		-40 ~ +85	°C
Storage temperature	Ts		-55 ~ +150	°C
Output current	I _{out}		5	mA

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

Package Type



Pin Description

Name	Pin	Description	Type
VDD	1	DC power supply	P
GND	2	DC ground	P
OUT	3	Open drain output pin	O
GND	4	DC ground	P
GND	5	DC ground	P
PRG	6	Programming input pin	I

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