

DESCRIPTION

The PT6208 is designed for driving reversible motor use, it contains a logic section to control forward and reverse rotations as well as forced stop. An output power section is able to supply an output current up to 200mA according to the logic control.

The IC allows control of reversible motors in cassette players and other electrical equipment by using TTL-level logic signals.

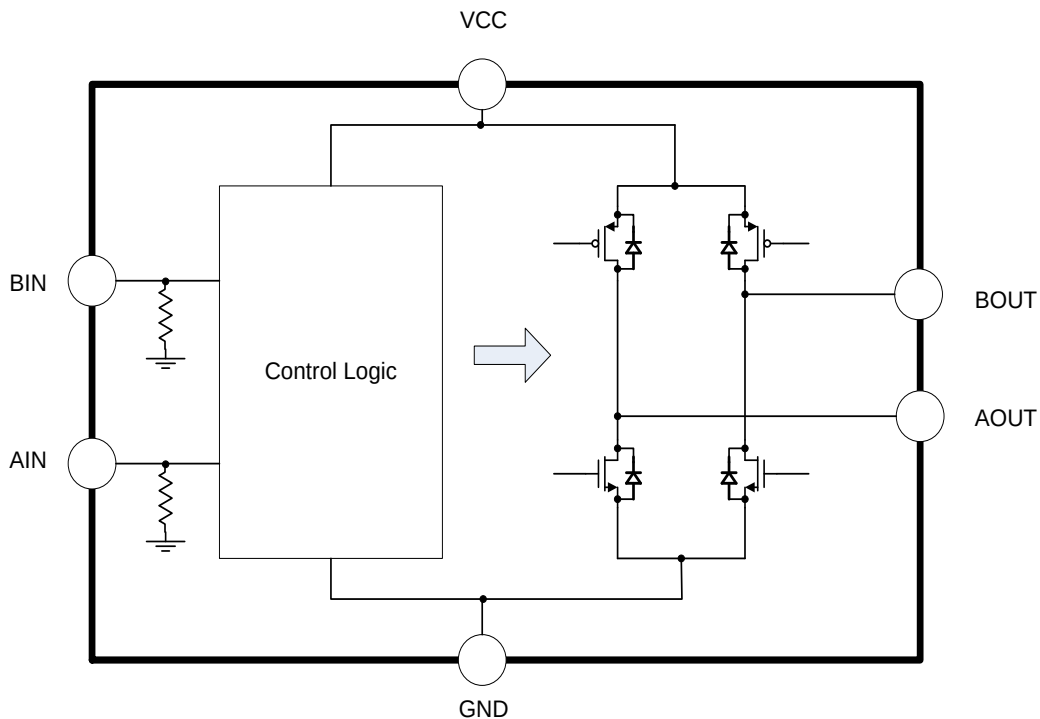
FEATURES

- Recommended Operating Supply Voltage: 3.0V to 12V
- Built-in motor driving power transistors(200mA)
- Brake is implemented when stopping the motor(when Ain and Bin are in high-states)
- Very Low standby circuit current(when Ain and Bin are both in LOW level)

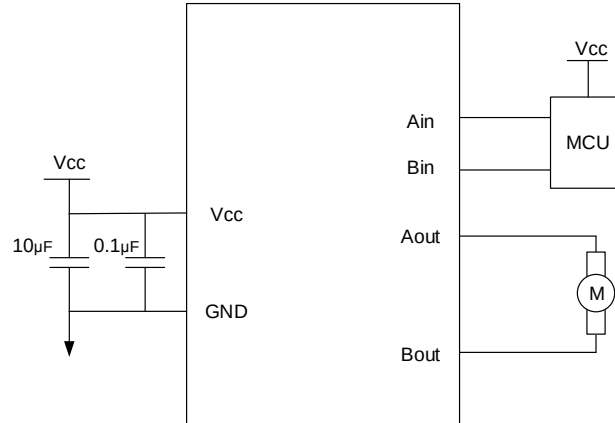
APPLICATIONS

- IR_CUT
- Security System

BLOCK DIAGRAM



APPLICATION CIRCUIT

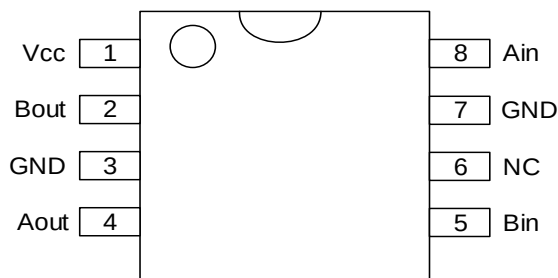


ORDER INFORMATION

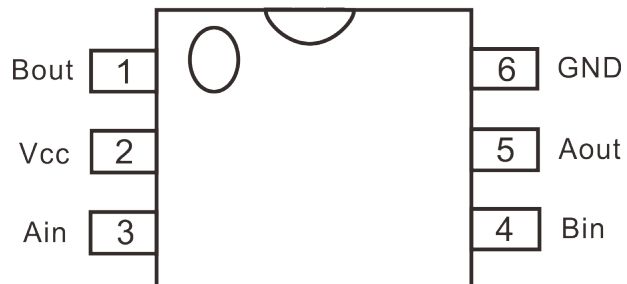
Valid Part Number	Package Type	Top Code
PT6208-S	8 Pins, SOP	PT6208-S
PT6208-D	8 Pins, DIP	PT6208-D
PT6208(SOT-23)	6 Pins, SOT23	PT6208(SOT-23)

PIN CONFIGURATION

SOP8/DIP8



SOT23-6



PIN DESCRIPTION

Pin Name	I/O	Description	Pin No.	
			SOP8/DIP8	SOT23-6
Vcc	Power	Power supply terminal	1	2
Bout	O	H-bridge output terminal B	2	1
GND	GND	Ground terminal	3, 7	6
Aout	O	H-bridge output terminal A	4	5
Bin	I	Control input terminal B	5	4
NC	-	-	6	-
Ain	I	Control input terminal A	8	3



IMPORTANT NOTICE

Princeton Technology Corporation (PTC) reserves the right to make corrections, modifications, enhancements, improvements, and other changes to its products and to discontinue any product without notice at any time.

PTC cannot assume responsibility for use of any circuitry other than circuitry entirely embodied in a PTC product. No circuit patent licenses are implied.

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