DESCRIPTION

The PT2476 is 1 Full-On Drive H-Bridge channel with three different packages. The driver features wide range operating from 2V to 24V and low power consumption by fast switching speed.

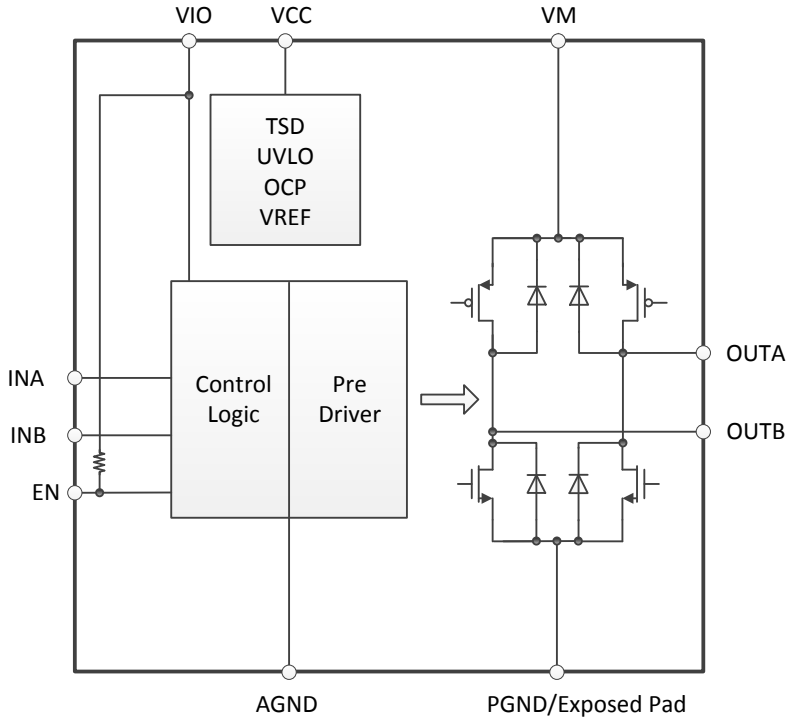
APPLICATION

- Lens for DSLR
- Auto icemaker or dumper drive for refrigerator
- HV bi-direction DC Motor
- Intelligent electronic lock

FEATURES

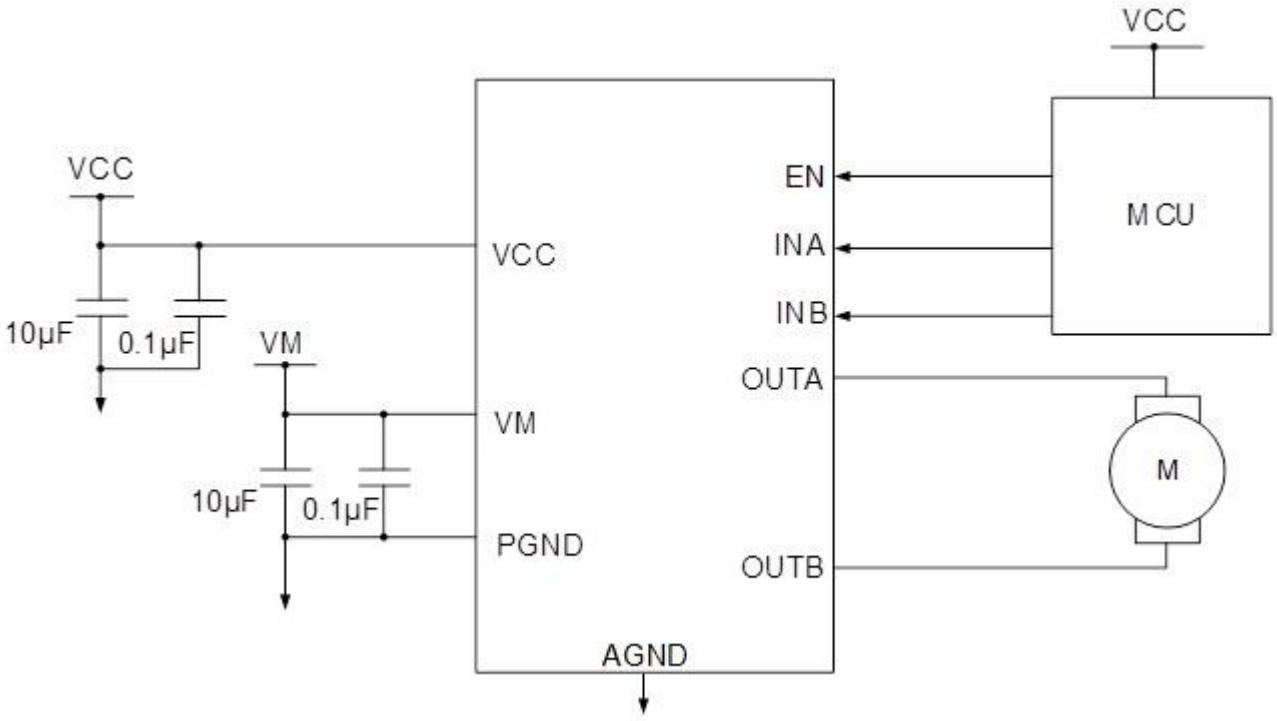
- It is low consumption by BCD process adoption
- One small package: HSOP8
- Wide power-supply voltage range:
  - Control (VCC): 2.7V to 5.5V
  - Motor (VM): 2.0V~24V
- High DC output current: Max.=2.8A
- Ultra low RDSON(TOP+BOT):
  0.49ΩTYP@25°C, 1A
- Low current consumption when power-down:
  <0.05μA @25°C
- PWM control, Max. input frequency: 200KHz
- Operating temperature range: -40 to +85°C
- Charge-pump less
- Shoot-through current protection
- Built-in protection circuits
  - Under Voltage Lock Out
  - Thermal Shut Down
- - OCP

BLOCK DIAGRAM



APPLICATION CIRCUITS

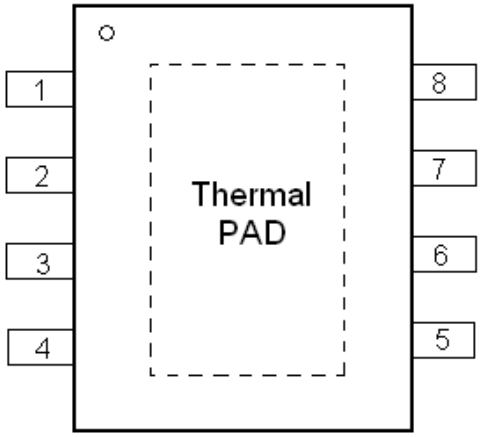
HSOP8



ORDER INFORMATION

Valid Part Number	Package Type	Top Code
PT2476-HS	8 pins, HSOP	PT2476-HS

PIN CONFIGURATION



PIN DESCRIPTION

Pin Name	I/O	Description	Pin No.
			HSOP8
AGND	GND	Logic GND	1
VCC	Power	Power supply for Logic circuit	2
VM	Power	Power supply for driver	3
OUTA	O	H-Bridge output terminal A of the driver	4
OUTB	O	H-Bridge output terminal B of the driver	5
INA	I	Control input	6
INB	I	Control input	7
EN	I	Logic Enable [300KΩ pull up for VCC]	8
PGND	GND	Power MOS GND	Thermal PAD

IMPORTANT NOTICE

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