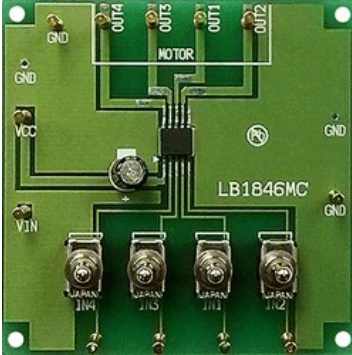




Energy Efficient Innovations

LB1846MCGEVB: Low Voltage Bidirectional Motor Driver Evaluation Board

The LB1846MC is a single-channel low saturation voltage stepping motor driver IC. It is optimal for motor drive in 5V system products and it can drive a stepping motor in Full-step and Half-step. Also LB1846MC is suitable for use with gas burner for its latch valve drive. The latch valve functions as a safety device to prevent gas leakage.



Features and Applications

Features

- Saturation drive H bridge: 4 channels
- Built-in thermal protection circuit
- Built-in low voltage malfunction prevention circuit
- Incorporates a transistor for driving photo sensors
- BIP output transistor adoption (Upper and lower total Vo(sat)=0.55V(typical) at Io=400mA)
- For one power supply (The control system power supply is unnecessary.)
- Our motor driver IC, LB1973JA, and compatible functions
- It is possible to connect it in parallel (parallel, connected operation of drive ch)
- The compact package (MFP10SK) is adopted
- VCC max =8v, IO max = 0.8A
- Built-in Thermal protection function
- Current consumption 0 when standing by

Evaluation/Development Tool Information					
Product	Status	Compliance	Short Description	Parts Used	Action
LB1846MCGEVB	Active	Pb-free	Low Voltage Bidirectional Motor Driver Evaluation Board	LB1846MC-AH	» Contact Local Sales Office » Inventory

Technical Documents			
Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	LB1846MCGEVB Bill of Materials ROHS Compliant	LB1846MCGEVB_BOM_ROHS.pdf - 14 KB	0
Eval Board: Gerber	LB1846MCGEVB Gerber Layout Files (Zip Format)	LB1846MCGEVB_GERBER.zip - 33 KB	0
Eval Board: Schematic	LB1846MCGEVB Schematic	LB1846MCGEVB_SCHEMATIC.pdf - 48 KB	0
Eval Board: Test Procedure	LB1846MCGEVB Test Procedure	LB1846MCGEVB_TEST_PROCEDURE.pdf - 312 KB	0

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