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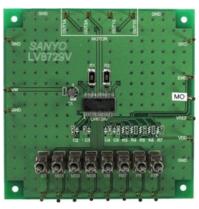
## **Energy Efficient Innovations**

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## LV8729VGEVB: Current-Controlled Microstepping Motor Driver Evaluation Board

The LV8729V is a PWM current-controlled micro step bipolar stepping motor driver. This driver can do eight ways of micro step resolution of 1/128 step from Full step, and can drive simply by the CLK input.



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## **Features and Applications**

Features

- Single-channel PWM current control stepping motor driver
- BiCDMOS process IC
- Full, Half, Quarter, 1/8, 1/16, 1/32, 1/64, 1/128 step are selectable

LV8729VGEVB Schematic

Eval Board: Test Procedure LV8729VGEVB Test Procedure

- Advance the excitation step with the only step signal input
- Available forward reverse control
- Over current protection circuit
- Thermal shutdown circuit
- Input pull down resistance
- With reset pin and enable pin

Evaluation/Development Tool Information									
Product	Status	Compliance	Short Description		Parts Used	Action			
LV8729VGEVB		Pb-free			LV8729V-TLM- H	<ul> <li>Contact</li> <li>Local Sales</li> <li>Office</li> <li>Inventory</li> </ul>			
Туре	Doour		ent Title	Document ID/Siz	70		Rev		
Eval Board: B	ОМ		/GEVB Bill of Materials ROHS Compliant				0		
Eval Board: G	erber	LV8729\	/GEVB Gerber Layout Files (Zip Format)	LV8729VGEVB GERBER.ZIP - 103.0 KB			0		

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LV8729VGEVB\_SCHEMATIC.PDF - 142 KB

LV8729VGEVB\_TEST\_PROCEDURE.PDF - 104 KB

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Eval Board: Schematic