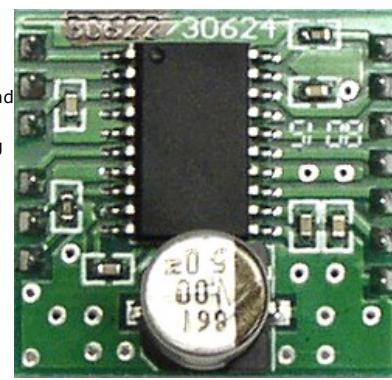




## AM306244R1DBGEVB: Daughter Board I<sup>2</sup>C Stepper Driver SOIC Evaluation Board

The AM306244R1DBGEVB is a form factor daughter board providing a complete solution driving bipolar stepper motors. In conjunction with the evaluation kit AMIS3062XGEVK it forms an I<sup>2</sup>C based solution turning high level commands from an I<sup>2</sup>C master in well defined motions. The design can be programmed to detect and act on mechanical blocking of the rotor. It also incorporates the lowest bill of materials, small board size and perfect matched thermal resistance allowing driving 800 mA at elevated ambient temperature.

Note: This board must be used with the [AMIS3062XGEVK Industrial Stepper Motor Driver Kit](#).



### Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
AM306244R1DBGEVB	Active	Pb-free	Daughter Board I <sup>2</sup> C Stepper Driver SOIC Evaluation Board	AMIS30624C6244G , AMIS30624C6244RG	<a href="#">» Contact Local Sales Office</a>

### Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: Gerber	AM306244R1DBGEVB Gerber Layout Files (Zip Format)	AM306244R1DBGEVB_GERBER.ZIP - 80.0 KB	2
Eval Board: BOM	AM306244R1DBGEVB Bill of Materials ROHS Compliant	AM306244R1DBGEVB_BOM_ROHS.PDF - 27.0 KB	1
Eval Board: Schematic	AM306244R1DBGEVB Schematic	AM306244R1DBGEVB_SCHEMATIC.PDF - 177.0 KB	1