

AMIS3062XGEVK: Industrial Stepper Motor Driver Evaluation Kit 3062X Family

The plug-and-play AMIS3062XGEVK evaluation kit contains all hardware and software tools you need to connect your PC to either AMIS30622, AMIS30623 or AMIS30624 microstepping motor drivers. ON offers one evaluation kit that in combination with different daughter boards communicates with a different bus system:

- AMIS3062XGEVK + AM30622: turns your PC into an I2C bus master and runs I2C commands from a GUI or a script to control the AMIS30622 device.
- AMIS3062XGEVK + AM30623: turns your PC into a LIN bus master and runs LIN commands from a GUI or a script to control the AMIS30623 device.
- AMIS3062XGEVK + AM30624: turns your PC into an I2C bus master and runs I2C commands from a GUI or a script to control the AMIS30624 device.

Orderable Daughterboards:

- AM306227R1DBGEBV
- AM306228R1DBGEBV
- AM306239R1DBGEBV
- AM306244R1DBGEBV
- AM306245R1DBGEBV
- AM306245R2MMGEVB



System Requirements and Content

Evaluation Kit Content

- Bench documentation (manual, hex converter, schematics)
- EcuSim USB to LIN / I2C bus adapter
- Two phase stepper-motor and connector
- Universal power supply: input 100 - 240V~47-63Hz 0.7A / output 12V= 2A
- Storage box

Minimum System Requirements

- Processor Pentium III 400MHz or higher
- 64MB RAM
- 20MB free disk space for installation
- Microsoft NT, 2000, XP or VISTA operating system

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
AMIS3062XGEVK	Active	Pb-free	Industrial Stepper Motor Driver Evaluation Kit 3062X Family	AMIS30622C6227G , AMIS30622C6227RG , AMIS30622C6228RG , AMIS30623C623ARG , AMIS30624C6244G , AMIS30624C6244RG , AMIS30624C6245RG	» Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	AMIS3062XGEVK Bill of Materials ROHS Compliant	AMIS3062XGEVK_BOM_ROHS.PDF - 95.0 KB	0

Eval Board: Gerber

AMIS3062XGEVK Gerber Layout Files (Zip)

AMIS3062XGEVK_GERBER.ZIP - 1002.0 KB

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Eval Board: Schematic	AMIS3062XGEVK Schematic	AMIS3062XGEVK_SCHEMATIC.PDF - 233.0 KB	0
Eval Board: Test Procedure	AMIS3062XGEVK Test Procedure	AMIS3062XGEVK_TEST_PROCEDURE.PDF - 1956.0 KB	0

