NCV7052XGEVK: Evaluation Kit for NV705 Family

The plug-and-play NCV7052xGEVK evaluation kit contains all necessary hardware and software needed to control the NCV7052x microstepping motor driver from your PC. The user-friendly Graphical User Interface (GUI) makes it possible to operate the evaluation kit in an easy way. Several GUI modes are provided making it easy-to-use for the first-time user but still very flexible for the more experienced one. To demonstrate how NCV7052x can be used in a real life application, a microcontroller is foreseen on the motherboard. The GUI will guide you through the complete process which makes the evaluation kit the ideal learning tool.

The provided motherboard gives a lot of flexibility during your development process. Easy access to several signals makes debugging very easy and gives you the possibility to connect the evaluation kit with your own application which reduces the development time. Evaluation of the complete NCV7052x family is made very easy by means of the separate daughterboards.

Note: This kit can be used with the following orderable daughterboards:

NV705223R1DBGEVB
NV70501R10DBGEVB
NV705143R1DBGEVB

System Requirements and Content

Evaluation Kit Content

- Pamphlet with instructions
- Motherboard with connectors, test pins and socket for daughter boards. A microcontroller is provided on the board to demonstrate how NCV7052x can be used in real applications.
- EcuSim USB to CAN/SPI interface (with decoupling)
- Two phase stepper motor with connector
- Universal power supply: input 100 - 240V~ 47-63Hz 0.7A / output 12V= 2A
- Storage box

Minimum System Requirements

- 500MHz Processor
- 128MB RAM
- 20 MB of free disk space (.NET Framework 2.0 not included)
- Windows 2000, XP or Vista

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used
NCV7052XGEVK	Active	Pb-free	Evaluation Kit for NV705 Family	NCV70501DW002G , NCV70501DW002R2G , NCV70514MW003G , NCV70514MW003R2G