AMT303-DMK

The AMT303-DMK is an easy-to-use demo kit designed for the AMT303 commutation modular encoder. The kit allows for stand-alone demonstration or through pc access to the SPI interface in production. It is an outstanding tool for experimentation and familiarization with the AMT303 features.

Kit includes:

> *AMT303-V modular encoder kit*
> *Demo board*
> *AMT303 to demo board cable*
> *USB cable*
> *Flash drive containing:*
> - o *User guide*
> - o *Software*
> - o *Example TLC code*
> *Power adapter*

A full range of functions are accessible including position read, zero set, CW/CCW incrementing, U/V/W position, pole pair designation, stepper motor commands and others. Most functions can be manipulated via a PC using the software or the pushbuttons on the demo board. Software includes the required VCP (Virtual COM Port) drivers for all Windows™, Mac™, and Linux™ operating systems.

The board includes three I/O connectors – a 10 pin header for communicating directly with the included AMT303, a 20 pin expansion header for stepper motor control, and a 12 pin PicKit2 header for manipulation of the on-board PIC MCU.