



PMSM Motor Control
Development Kit

Document
Version 1.01

HKADS-11-02-HW-0100

The complete package is made available as an EDK version 12.3 project package. Also included in the hardware package is a PMSM motor.

Hardware Board Features

- Xilinx Spartan-3 XC3S700A FPGA
- Texas Instruments DRV8402 PWM Driver
- Texas Instruments ADS7861 ADC interface
- UART interface for control and monitoring



Windows XP GUI for Quick Start

A simple Windows XP application is available as an interface to control the various control loop parameters and system tuning.