

Spartan-3E Machine Vision VGA/DVI In Module

- PCB size 70*70mm
- Circular power connector for common 12V DC adaptors for system power supply
- Power consumption of about 1W
- one RS232 Interface on DSUB9 interface
- Single DVI connector for analogue and digital VGA monitors with multiplexed input into ADC converter
- Used ADC converter AD9887A for video clock up to 60MHz with an 8bit RGB interface to the FPGA. Clock rates from 60 to 120MHz run with a 2*6bit RGB interface into the FPGA (this is a restriction due to cost of the layout and not the functionality of any component)

