

Card Part Number	Description	Features
MDK-16-AWG	Dual DAC Waveform Generator	Dual Synchronous, 50 MHz 14 bit DACs - 14 Bit Resolution - Programmable Gain - Programmable Offset - Max +/- 10 Volt Output - Optional Combined Output
MDK4-microSD	SD Flash SPI interface (Micro+Normal)	SPI Interface to SD Flash up to 2 Gbytes
MDK8-DigIOTTL	Digital I/O - TTL level, non-isolated	- 9 Digital Inputs - 9 Digital Outputs - 2 I/O (I2C compatible)
MDK8-DigIOISO	Digital I/O - TTL Level, isolated	- 9 Digital Inputs - 9 Digital Outputs - 2 I/O (I2C compatible) - 5 V Isolated Supply
MDK4-RS232	RS-232 Interface	- 2 RS-232 Level Inputs - 2 RS-232 Level Outputs - 1 port with HW flow control or 2 ports no flow control
MDK8-ADS8329	1 Msps 16 Bit ADC Card	- ADS8329 (16 bits resolution) - 500 KHz Anti-Alias filter (bypass-able) - -5 to 5 Volt Offset Range - Selectable Input Gain (1,2,5,10V pk-pk) - Internal or External Triggering - Internal or External Clock Source
MDK8-ADS8344	8 Channel 100 KHz ADC Card	- ADS8344 (16 Bits Resolution) - 40 Khz Anti-Alias Filtering on each channel - Internal or External Clock Source - Internal or External Triggering
MDK4-RS485	RS-485 Interface Card	- 2 RS-485 compliant inputs - 2 RS-485 compliant outputs - 1 port with HW flow control or 2 ports no flow control
MDK8-ADC9235-20	12 Bit 20 MHz ADC Card	- ADC9235 20 Msps 12-bit ADC - 500 KHz Anti-Alias filter (bypass-able) - -5 to 5 Volt Offset Range - Selectable Input Gain (1,2,5,10V pk-pk) - Internal or External Triggering - Internal or External Clock Source
MDK8-ADC9235-40	12 Bit 40 MHz ADC Card	Same as -20 only 40 Msps
MDK8-ADC9235-60	12 Bit 40 MHz ADC Card	Same as -20 only 60 Msps
MDK8-CAN	CAN Bus Interface Card	CAN bus interface card
MDK8-ADS8343	8 Channel 100 KHz ADC Card	- ADS8344 (16 Bits Resolution) - 40 Khz Anti-Alias Filtering on each channel - Internal or External Clock Source - Internal or External Triggering
MDK-QVGA	Quarter VGA / Touch screen w/interface	- 320x240 Landscape QVGA - Integrated Touch screen Interface - LED Backlight drivers
MDK8-HMI	Mouse / Keyboard Interface Card	- Standard Keyboard / Mouse Interface Card
MDK8-CODEC	Stereo Audio Output Interface Card	- Dual Audio Output DAC card - Standard Headphone 1/8" jack and line-out levels
MDK8-DualStep	Integrated Stepper controller	- 1, 1/2, 1/4, 1/8 step integrated controller - 2 independent channels - external 24 supply required - maximum step rate 40 KHz - trapezoid velocity profile - support for limit and emergency shutdown switches - max TBS amps @ 24 volts per coil
MDK8-IOEXPAND	Digital I/O Expander	- 32 TTL Digital Outputs (10 us) - 32 TTL Digital Inputs (10 us)
MDK8-DAC8534	4 Channel Digital to Analog Converter	- DAC7534 - 4 16 Bit Channels - 100 Ksps