

DATA ACQUISITION PRODUCT-USB

100KS/s 12-bit 16 channels Analog Input, 8 channels Digital Input/Output, 3 channels 16-bit Counter/Timer

Analog Input

Number of Channels: 32SE/16DI
Resolution: 12 Bits
Sample Rate: 100KS/s
Voltage Range: -10~10V, -5~5V, 0~10V, 0~5V
Buffer Storage: 8K FIFO Data Buffers
Triggering: Analog, Digital

Digital I/O

Number of Channels: 8 DIO

Counter/Timer

Number of Channels: 3
Resolution: 16 Bits



USB2810

100KS/s 12-bit 16 channels Analog Input, 12-bit 4 channels Analog Output, 8 channels Digital Input/Output, 3 channels Counter/Timer

Analog Input

Number of Channels: 16SE/8DI
Resolution: 12 Bits
Sample Rate: 100KS/s
Voltage Range: -10~10V, -5~5V, 0~10V, 0~5V
Hardware Gain: 1~1000 times

Analog Output

Number of Channels: 4
Resolution: 12 Bits
Voltage Range: -10~10V, -5~5V, 0~5V, 0~10V

Digital I/O

Number of Channels: 8 DIO

Counter/Timer

Number of Channels: 3
Resolution: 16 Bits



USB2813

500KS/s 16-bit 32 channels Analog Input, 8 channel Digital Input/Output

Analog Input

Number of Channels: 32SE/16DI
Resolution: 16 Bits
Sample Rate: 500KS/s
Voltage Range: -10~10V, -5~5V, 0~10V
Programmable Gain: 1/2/4/8 times (default) or 1/2/5/10 times or 1/10/100/1000 times

Buffer Storage: 96K Data Buffers

On-board Memory: DSP

Triggering: Digital

Digital I/O

Number of Channels: 8 DI/O



USB2086



Astra Elektronik Sanayi İthalat ve Ticaret Limited Şirketi

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DATA ACQUISITION PRODUCT-USB

250KS/s 16-bit 32 channels Analog Input, 8 channels Digital Input/Output

Analog Input

Number of Channels: 32SE/16DI
Resolution: 16 Bits
Sample Rate: 250KS/s
Voltage Range: -10~10V, -5~5V, -2.5~2.5V, 0~10V, 0~5V
Programmable Gain: 1/2/4/8 times (default) or 1/2/5/10 times or 1/10/100/1000 times
Buffer Storage: 96K Data Buffers
Triggering: Digital

Digital I/O

Number of Channels: 8 DIO



USB2085

250KS/s 16-bit 16 channels Analog Input, 12-bit 4 channels Analog Output, 8 channels Digital Input/Output, Counter/Timer

Analog Input

Number of Channels: 16SE/8DI
Resolution: 16 Bits
Sample Rate: 250KS/s
Voltage Range: -10~10V, -5~5V, -2.5~2.5V, 0~10V, 0~5V
Programmable Gain: 1/2/4/8 times (default) or 1/2/5/10 times or 1/10/100/1000 times
Buffer Storage: 8K FIFO Data Buffers
Triggering: Analog, Digital

Analog Output

Number of Channels: 4
Resolution: 12 Bits
Voltage Range: -10~10V, -5~5V, 0~5V, 0~10V

Digital I/O

Number of Channels: 8 DIO

Counter/Timer

Number of Channels: 3
Resolution: 16 Bits



USB2815



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DATA ACQUISITION PRODUCT-USB

250KS/s 16-bit 32 channels Analog Input, 16-bit one channel Analog Output, 8 channel Digital Input/Output, Counter/Timer

Analog Input

Number of Channels: 32SE/16DI
Resolution: 16 Bits
Sample Rate: 250KS/s
Voltage Range: -10~10V, -5~5V, -2.5~2.5V, 0~10V, 0~5V
Programmable Gain: 1/2/4/8 times (default) or 1/10/100/1000 times
Buffer Storage: 8K FIFO Data Buffers
Triggering: Digital

Analog Output

Number of Channels: 1
Resolution: 16 Bits
Voltage Range: -10~10V, -5~5V, 0~5V, 0~10V

Digital I/O

Number of Channels: 8 DIO

Counter/Timer

Number of Channels: 3
Resolution: 16 Bits



USB2814

250KS/s 16-bit 64 channels Analog Input, 12-bit 8 channels Analog Output, 16 channels Digital Input/Output

Analog Input

Number of Channels: 64SE/32DI
Resolution: 16 Bits
Sample Rate: 500KS/s
Voltage Range: -10~10V, -5~5V, -2.5~2.5V, 0~10V, 0~5V
Programmable Gain: 1/2/4/8 times or 1/10/100/1000 times
Buffer Storage: 8K FIFO Data Buffers
Triggering: Analog, Digital

Analog Output

Number of Channels: 8
Resolution: 12 Bits
Voltage Range: -10~10V, -5~5V, 0~5V, 0~10V

Digital I/O

Number of Channels: 8 DIO



USB2805



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DATA ACQUISITION PRODUCT-USB

100KS/s 16-bit 16 channels Analog Input, 12-bit 4 channels Analog Output, 8 channels Digital Input/Output

Analog Input

Number of Channels: 16SE/8DI
Resolution: 12 Bits
Sample Rate: 100KS/s Voltage Range: -10~10V, -5~5V, 0~10V
Programmable Gain: 1/2/4/8 times (default) or 1/2/5/10 times or 1/10/100/1000 times
Hardware Gain: 1 ~ 1000 times
Buffer Storage: 8K FIFO Data Buffers
Triggering: Analog

Analog Output

Number of Channels: 4
Resolution: 12 Bits
Voltage Range: -10~10V, -5~5V, 0~10V

Digital I/O

Number of Channels: 8 DIO



USB2828

250KS/s 16-bit 32 channels Analog Input, High-speed isolator Digital Input/Output

Analog Input

Number of Channels: 32SE/16DI
Resolution: 16 Bits
Sample Rate: 250KS/s
Buffer Storage: 8K FIFO Data Buffers
Voltage Range: -10~10V, -5~5V, -2.5~2.5V, 0~10V, 0~5V Programmable Gain: 1/10/100/1000 times or 1/2/4/8 times Triggering: Digital
Isolation Analog Input



USB2801

250KS/s 16-bit 16 channels Analog Input, 100KS/s 12-bit 4 channels Analog Output, 8 channels Digital Input/Output

Analog Input

Number of Channels: 16SE/8DI
Resolution: 16 Bits
Sample Rate: 250KS/s
Voltage Range: -10~10V, -5~5V, -2.5~2.5V, 0~10V, 0~5V
Hardware Gain: 1~1000 times

Analog Output

Number of Channels: 4
Resolution: 12 Bits
Voltage Range: -10~10V, -5~5V, 0~10V, 0~5V

Digital I/O

Number of Channels: 8 DIO

Counter/Timer

Number of Channels: 3
Resolution: 16 Bits



USB2816



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DATA ACQUISITION PRODUCT-USB

100KS/s/ch 12-bit 32 channels Analog Input, 8 channels

Digital Input/Output

Analog Input

Number of Channels: 32SE/16DI
Resolution: 12 Bits
Sample Rate: 100KS/s
Voltage Range: -10~10V, -5~5V, 0~10V
Programmable Gain: 1/2/4/8 times (default) or 1/10/100/1000 times
Buffer Storage: 8K FIFO Data Buffers
Triggering: Digital

Digital I/O

Number of Channels: 8 DIO



USB2821

400KS/s 14-bit 32 channels Analog Input, 8 channels Digital
Input/Output

Analog Input

Number of Channels: 32SE/16DI
Resolution: 14 Bits
Sample Rate: 400KS/s
Voltage Range: -10~10V, -5~5V(A: 0~5V, 0~2.5V)
Programmable Gain: 1/2/4/8 times (default) or 1/2/5/10 times or
1/10/100/1000 times
Buffer Storage: 96K Data Buffers
On-board Memory: DSP
Triggering: Digital

Digital I/O

Number of Channels: 8 DIO



USB2080

250KS/s 16-bit 64 channels Analog Input, 12-bit 8 channels

Analog Output, 16 channels Digital Input/Output

Analog Input

Number of Channels: 64SE/32DI
Resolution: 16 Bits
Sample Rate: 500KS/s
Voltage Range: -10~10V, -5~5V, -2.5~2.5V, 0~10V, 0~5V
Programmable Gain: 1/2/4/8 times (default) or 1/2/5/10 times
Buffer Storage: 8K FIFO Data Buffers
Triggering: Analog, Digital

Analog Output

Number of Channels: 8
Resolution: 12 Bits
Voltage Range: -10~10V, -5~5V, 0~10V, 0~5V

Digital I/O

Number of Channels: 16 DIO
Network Interface Card: 10M/100M Adaptive Network Card



USB2850



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DATA ACQUISITION PRODUCT-USB

250KS/s 16-bit 16 channels Analog Input, 12-bit 4 channels Analog Output, 16 channels Digital Input/Output, 3 channels Counter/Timer

Analog Input

Number of Channels: 16SE/8DI
Resolution: 16 Bits
Sample Rate: 250KS/s
Voltage Range: -10~10V, -5~5V, -2.5~2.5V, 0~10V, 0~5V
Programmable Gain: 1/2/4/8 times (default) or 1/2/5/10 times or 1/10/100/1000 times
Buffer Storage: 8K FIFO Data Buffers
Triggering: Analog, Digital

Analog Output

Number of Channels: 4
Resolution: 12 Bits
Voltage Range: -10~10V, -5~5V, 0~5V, 0~10V

Digital I/O

Number of Channels: 16 DIO

Counter/Timer

Number of Channels: 3
Resolution: 32 Bits



USB2811

400KS/s 14-bit 16 channels Analog Input, 12-bit 8 channels Analog Output, 8 channels Digital Input/Output

Analog Input

Number of Channels: 16SE/8DI
Resolution: 14 Bits
Sample Rate: 400KS/s Voltage Range: -10~10V, -5~5V
Programmable Gain: 1/2/4/8 times or 1/10/100/1000 times
Triggering: Analog

Analog Output

Number of Channels: 8
Resolution: 12 Bits
Voltage Range: -10~10V, -5~5V, 0~5V, 0~10V

Digital I/O

Number of Channels: 8 DI/O (A: 16-channel digital output)



USB2089



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DATA ACQUISITION PRODUCT-USB

Analog Input

Number of Channels : 32
Sample Rate : 100 KS/s
Resolution : 12 bits
Voltage Range : $\pm 10V$, $\pm 5V$, $0 \sim 10V$

Digital I/O

16 – CH Isolator



USB2860

Analog Input

Number of Channels : 16SE/8DI
Resolution : 12 bits
Sample Rate : 500KS/s
Voltage Range : $\pm 10V$, $\pm 5V$, $0 \sim 10V$
Programmable Gain : 1/2/4/8 (default) or 1/2/5/10 or 1/10/100/1000
On-board memory : 8K word FIFO
Triggering : Analog, Digital

Analog Output

Number of Channels : 4
Resolution : 12 bits

Digital I/O

Number of Channels : 16DI/DO

Counter/Timer

Number of Channels : 3
Resolution : 32 bits



USB2812

Analog Input

Number of Channels : 16SE/8DI
Resolution : 12 bits
Sample Rate : 500KS/s
Voltage Range : $\pm 10V$, $\pm 5V$, $\pm 2,5V$, $0 \sim 10V$ (automatically set the Voltage range)
Programmable Gain : 1/2/4/8 (default) or 1/2/5/10 or 1/10/100/1000

Digital I/O

Number of Channels : 6DI/DO

Counter/Timer

Number of Channels : 1
Resolution : 24 bits



USB5935



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DATA ACQUISITION PRODUCT-USB

Analog Output

Number of Channels : 8
Resolution : 12 bits
Sample Rate : 100KS/s
Voltage Range : $\pm 10V, \pm 5V, 0 \sim 10V$

Digital I/O

Number of Channels : 6DI/DO

Counter/Timer

Number of Channels : 1
Resolution : 32 bits



USB5932



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