



ISA Bus Data Acquisition Board Selection Guide

Model No.		A-826	A-822	A-823	A-821	A-8111	A-812PG	A-626/628
Bus		AT	AT	AT	AT	AT	AT	AT
Analog Input Channels		16 S.E. 8 DIF.	16 S.E. 8 DIF.	16 S.E. 8 DIF.	16 S.E. 8 DIF.	8 S.E.	16 S.E.	-
Analog Input Resolution		16 bits	12 bits	12 bits	12 bits	12 bits	12 bits	-
Analog Input Range (V)	Bipolar Low gain	$\pm 10, \pm 5, \pm 2.5 \pm 1.25,$	$\pm 10, \pm 5, \pm 2.5 \pm 1.25, \pm 0.625$	$\pm 10, \pm 5, \pm 2.5 \pm 1.25, \pm 0.625$	$\pm 5, \pm 2.5 \pm 1.25, \pm 0.625$	$\pm 5, \pm 2.5 \pm 1.25, \pm 0.625, \pm 0.3125$	$\pm 10, \pm 5, \pm 2.5 \pm 1.25, \pm 0.625, \pm 0.3125$	-
	Bipolar High Gain	-	$\pm 10, \pm 5, \pm 1 \pm 0.5, \pm 0.1, 0.05 \pm 0.01, \pm 0.005$	$\pm 10, \pm 5, \pm 1 \pm 0.5, \pm 0.1, 0.05 \pm 0.01, \pm 0.005$	$\pm 5, \pm 0.5 \pm 0.05, \pm 0.005$	-	-	-
	Unipolar Low gain	-	0~10, 0~5, 0~2.5, 0~1.25	0~10, 0~5, 0~2.5, 0~1.25	-	-	-	-
	Unipolar High gain	-	0~10, 0~1, 0~0.1, 0~0.01	0~10, 0~1, 0~0.1, 0~0.01	-	-	-	-
Analog Output	Channels	2	2	2	1	1	2	6/8
	Resolution	12 bits	12 bits	12 bits	12 bits	12 bits	12 bits	12 bits
	Range (V)	0~5 0~10	0~5 0~10	0~5, 0~10 $\pm 5, \pm 10$	0~5 0~10	0~5 0~10	0~5 0~10	0~5, 0~10 $\pm 5, \pm 10$
	Range (mA)	-	-	-	-	-	-	4-20mA
Speed		100KHz	125KHz	125KHz	45KHz	30KHz	70KHz	-
Digital I/O Channels		16 Input 16 Output	16 Input 16 Output	16 Input 16 Output	16 Input 16 Output	16 Input 16 Output	16 Input 16 Output	16 Input 16 Output
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ISA Bus Digital I/O, Counter Selection Guide

Model No.	DIO-24	DIO-48	DIO-64	DIO-144	TMC-10
Bus	AT	AT	AT	AT	AT
Digital I/O Channels	24 Bi-direction	48 Bi-direction	32 DI 32 DO	144 Bi-direction	-
Driving Capacity	24 mA sink 15 mA source	24 mA sink 15 mA source	24 mA sink 15 mA source	24 mA sink 15 mA source	24 mA sink 15 mA source
Timer/Counter	-	1 x 16 bits counter	3 x 16 bits 6 x 16 bits	-	10 x 16 bits counter
Connectors	1 x 50-pin OPTO	2 x 50-pin OPTO	counter 5 x 20-pin	6 x 50-pin OPTO	1 x DB-37
Daughter Board	DB-24P, DB-24R, DB-24PR, DB-24C, DB-24POR, DB-16P8R DB-24SSR, DN-50	DB-24P, DB-24R, DB-24PR, DB-24C, DB-24POR, DB-16R8R DB-24SSR, DN-50	DB-16P, DB-16R, DB-24PR, DB-24C, DB-24SSR, DN-20	DB-24P, DB-24R, DB-24PR, DB-24C, DB-24POR, DB-16P8R DB-24SSR, DN-50	DB-37, DN-37
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