

**HARDWARE, CHARTS**

T-51-10-12  
T-51-10-16

**A/D CONVERSION MODULES**

	MODEL	CLASS	INPUT CHANNELS	THROUGHPUT (kHz)	PROGRAMMABLE GAIN	INPUT RANGES	PAGE	PRICE
12-Bit	DT5712	General Purpose, Low Level	16SE/8DI Wide Range	40	1,2,4,8 or 1,10,100,500	Selectable 10mV to 10V	18-2	\$ 345 to \$ 510
	DT5713	General Purpose, Programmable Gain	16SE/8DI Wide Range	40	1,2,4,8 or 1,10,100,500	0 to 1.25V, 2.5V,5V,10V $\pm 1.25V$ , 2.5V,5V,10V	18-3	\$ 425 to \$ 480
	DT5725	150kHz Throughput, Programmable Gain	16SE/8DI High Level	150	1,2,4,8	0 to 1.25V, 2.5V,5V,10V $\pm 1.25V$ , 2.5V,5V,10V	18-4	\$ 695
	DT5722	250kHz Throughput	16SE/8DI High Level	250	1,2,4,8	0 to 1.25V, 2.5V,5V,10V $\pm .625V, 1.25V$ , 2.5V,5V,10V	18-4	\$1,595 or \$1,785
	DT5727	250kHz Throughput, Programmable Gain	16SE/8DI High Level	250	1,2,4,8	0 to 1.25V, 2.5V,5V,10V $\pm .625V, 1.25V$ , 2.5V,5V,10V	18-4	\$1,695
	DT5732	750kHz Throughput	4DI High Level	750	—	$\pm 5V$	18-4	\$1,995
	DT5703	Isolated Low Level	4DI Wide Range	40Hz	—	10mV to 10V	18-3	\$ 550 to \$ 680
	DT5704	Simultaneous Sample and Hold	4SE High Level	100	—	0 to 10V $\pm 10V$	18-4	\$ 795
16-Bit	DT5716A	Medium Speed	16SE/8DI Wide Range	20	1,2,4,8 or 1,10,100,500	Selectable 5mV to 10V	18-3	\$1,195 to \$1,385
	DT5726	High Speed 16-Bit	4DI High Level	100	—	$\pm 10V$	18-3	\$1,595

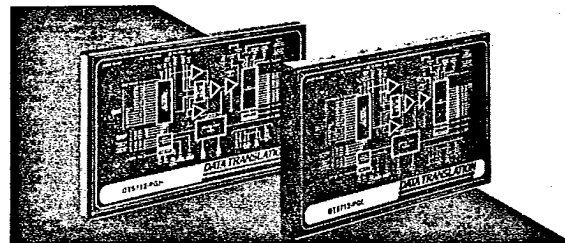
**DATA X II DATA ACQUISITION MODULES**

**DT5712**  
*Low Cost, Low Level, Wide Range*  
10mV to 10V, FSR, 8DI or 16SE, 12-bit.

**Options for DT5712**

- High Level Programmable Gain Amplifier Option with gains of 1, 2, 4, and 8 (-PGH)
- Low Level Programmable Gain Amplifier Option with gains of 1, 10, 100, and 500 (-PGL)
- DT12-10501-2 Precision Resistor Gain Selection Kit
- Binary range, FSR =  $\pm 10.24V$ , 0 to 10.24V, specify "-BR"

- $\pm 12V$  power supply option rather than  $\pm 15V$  operation, FSR = 0-5V,  $\pm 5V$ , specify "/12V"
- 1-5V (for 4-20mA) input range (-M)



M-4223

Figure 18-1. DT5712-PGL is a low level, wide range 12-bit data acquisition module offering software programmable full scale ranges of 20mV, 100mV, 1V, and 10V. DT5712-PGH is a general purpose 12-bit high level data acquisition module offering software programmable input ranges of 1.25V, 2.5V, 5.0V, and 10V.

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