


Selection Chart - PCI Data Acquisition Card

		Analog Inputs				Analog Outputs				Digital Functions	
Model	Description	Channels	Resolution (bits)	Range	Thruput (kS/s)	Channels	Resolution	Range	Thruput (kS/s)	DI/O Lines	User Counter Timers
 DT340	Low Cost Counter/Timer DIO view datasheet	—	—	—	—	—	—	—	—	32	8
 DT351	Isolated Digital I/O view datasheet	—	—	—	—	—	—	—	—	8/8	—
 DT3001	High Speed view datasheet	16SE/8DI	12	±1.25, 2.5, 5, 10 V**	330	2	12	±10 V	200	8	1
 DT3001-PGL	High Speed with high gains view datasheet	16SE/8DI	12	±0.02, 0.1, 1, 10 V**	330	2	12	±10 V	200	8	1
 DT3002	A/D Only, 32 Inputs view datasheet	32SE/16DI	12	±1.25, 2.5, 5, 10 V**	330	0	—	—	—	8	1
 DT3003	High Channel Count view datasheet	64SE/32DI	12	±1.25, 2.5, 5, 10 V**	330	2	12	±10 V	200	8	1
 DT3003-PGL	High Channel Count with High Gains view datasheet	64SE/32DI	12	±0.02, 0.1, 1, 10 V**	330	2	12	±10 V	200	8	1
 DT3004	High Resolution, 100 kS/s A/D view datasheet	16SE/8DI	16	±1.25, 2.5, 5, 10 V**	100	2	12	±10 V	200	8	1
 DT3005	High Resolution, 200 kS/s A/D view datasheet	16SE/8DI	16	±1.25, 2.5, 5, 10 V**	200	2	12	±10 V	200	8	1
 DT3010	High Performance, High Speed view datasheet	32SE/16DI	12	0-1.25, 2.5, 5, 10 V*, ±1.25, 2.5, 5, 10 V	1.25 MS/s	2	12	±10 V	500	16 + 2	4
 DT3010/32	High Performance w/ 32K D/A FIFO view datasheet	32SE/16DI	12	0-1.25, 2.5, 5, 10 V*, ±1.25, 2.5, 5, 10 V	1.25 MS/s	2	12	±10 V	500	16 + 2	4
 DT3010/268	High Performance w/ 32K D/A FIFO and 2 68-pin connectors view datasheet	32SE/16DI	12	0-1.25, 2.5, 5, 10 V*, ±1.25, 2.5, 5, 10 V	1.25 MS/s	2	12	±10 V	500	16 + 2	4