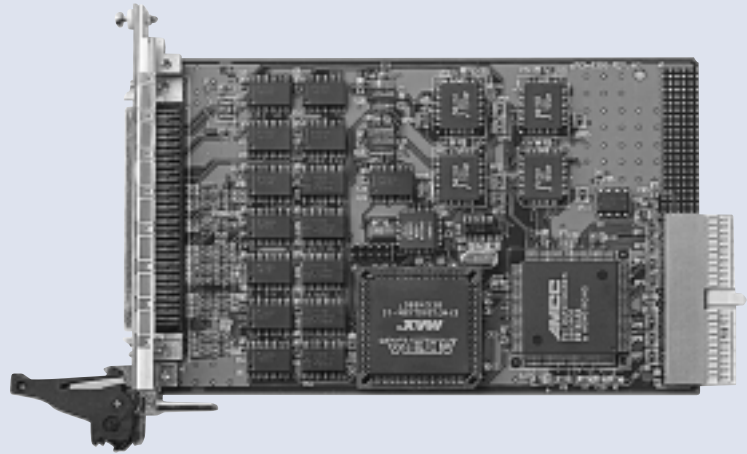


Features

- 32-bit CompactPCI, PICMG 2.0 R2.1
- 32 channels of digital inputs
- 32 channels of digital outputs
- 4 auxiliary DI, 4 auxiliary DO
- Bus-mastering DMA data transfer
- Up to 12MB/s data transfer rate by external trigger or handshake mode
- On-board timer pacer trigger, upto 8 MB/s data transfer rate
- Input sampling rate and digital output rate are controlled by internal timer
- On-board 2K words FIFO
- ACK and REQ for handshaking data transfer
- Rugged 100-pin SCSI-type connector



Specifications

Digital Input / Output

- Number of input channels: 32
- Number of output channels: 32
- I/O signal level: TTL compatible

Data Transfer Modes

- Program I/O
- Internal timer pacer transfer
- External I_REQ strobe input
- Handshake data transfer

Maximum Transfer Speed

- Program I/O: max. 2MB/s
- Internal timer pacer trigger, data transfer by bus-mastering DMA: max. 8 MB/s (2MHz)
- External clock, handshake or external strobe, data transfer by bus-mastering DMA: Max. 12 MB/s (3MHz)

Auxiliary Digital Input / Output

- Number of input channels: 4
- Number of output channels: 4
- I/O signal level: TTL compatible
- Data transfer by program I/O only, max. data rate 500 KHz

Programmable Counter

- Device: 82C54, based on 4MHz
- Timer 0: DI clock source
- Timer 1: DO clock source
- Timer 2: Base clock source of timer 0/1

Programmable Interrupt Sources

- By EO_ACK, EI_REQ, Timer 0, Timer 1 or Timer 2

General Specifications

- Connector: 100-pin SCSI-type
- Operating temperature: 0° ~ 60°C
- Storage temperature: -20° ~ 80°C
- Humidity: 5~95%, non-condensing
- Power requirement:
 - +5V @ 720mA typical

Termination Boards

- DIN-100S

Ordering Information

cPCI-7200

12 MB/s High speed 32-CH DIO module

cPCI-7200/D

cPCI-7200 + DIN-100S

Note: The above products are shipped with software development kit for DOS/Win-95/98/NT/2000, PCIS-LVIEW and PCIS-VEE

Pin Assignments of the 100-pin SCSI-type connectors

DO_0	1	51	DO_1
DO_2	2	52	DO_3
DO_4	3	53	DO_5
DO_6	4	54	DO_7
DO_8	5	55	DO_9
DO_10	6	56	DO_11
DO_12	7	57	DO_13
DO_14	8	58	DO_15
GND	9	59	GND
DO_16	10	60	DO_17
DO_18	11	61	DO_19
DO_20	12	62	DO_21
DO_22	13	63	DO_23
DO_24	14	64	DO_25
DO_26	15	65	DO_27
DO_28	16	66	DO_29
DO_30	17	67	DO_31
GND	18	68	GND
+5V out	19	69	GND
+5V out	20	70	GND
AUX In0	21	71	AUX Out0
AUX In1	22	72	AUX Out1
EITRIG	23	73	GND
EIREQ	24	74	GND
EIACK	25	75	GND
EOTRIG	26	76	GND
EOREQ	27	77	GND
EOACK	28	78	GND
AUX In2	29	79	AUX Out2
AUX In3	30	80	AUX Out3
+5V out	31	81	GND
+5V out	32	82	GND
GND	33	83	GND
DI_0	34	84	DI_1
DI_2	35	85	DI_3
DI_4	36	86	DI_5
DI_6	37	87	DI_7
DI_8	38	88	DI_9
DI_10	39	89	DI_11
DI_12	40	90	DI_13
DI_14	41	91	DI_15
GND	42	92	GND
DI_16	43	93	DI_17
DI_18	44	94	DI_19
DI_20	45	95	DI_21
DI_22	46	96	DI_23
DI_24	47	97	DI_25
DI_26	48	98	DI_27
DI_28	49	99	DI_29
DI_30	50	100	DI_31