

X305

7-channel A/D ($\pm 5V$), 1-channel D/A ($\pm 5V$),
2-channel D/I and 2-channel D/O

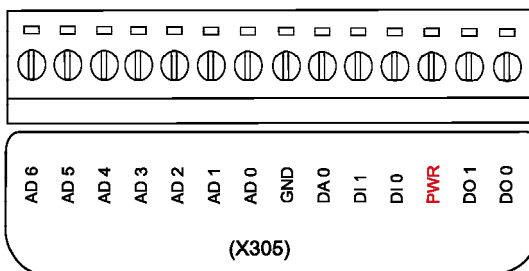
Introduction

The X-board series are for I-7188XA, I-7188XB, I-7188XC, I-7188XG, I-7188EG, I-7188EX and uPAC-7186EX Series (uPAC-7186EX, uPAC-7186PEX, uPAC-7186EG, uPAC-7186EX-FD, uPAC-7186EX-SM).

Above one μ PAC can plug only one X-board.

X305 is a 7-channel Non-Isolation Analog Input and 1-channel Non-Isolation Analog Output and 2-channel Non-Isolation Digital Input and 2-channel Non-Isolation Digital Output X-board for I-7188XB, I-7188XG, I-7188EX, I-7188EG and uPAC-7186EX Series.

Pin Assignments



Ordering Information

X305 CR	7-channel A/D ($\pm 5V$), 1-channel D/A ($\pm 5V$), 2-channel D/I and 2-channel D/O (RoHS)
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Features

- 7-channel Non-Isolation Analog Input and 1-channel Non-Isolation Analog Output and 2-channel Non-Isolation Digital Input and 2-channel Non-Isolation Digital Output
- 12-bit input (± 5 VDC)
- 12-bit output (± 5 VDC)



Specifications

Analog Input		
Channels	7	
Type	Voltage	
Range	± 5 VDC	
Resolution	12-bit	
Sampling Rate	1 KHz Max.	
Input Impedance	50 KOhm	
Overvoltage Protection	± 30 VDC	
Isolation	None	
Analog Output		
Channels	1	
Type	Voltage	
Range	± 5 VDC	
Resolution	12-bit	
Voltage Output Capability	10 mA	
Isolation	None	
Digital Input		
Channels	2	
Sink/Source (NPN/PNP)	Sink	
Dry Contact	ON Voltage Level	+3.5V ~ +30VDC
	OFF Voltage Level	+1V Max.
Isolation	None	
Digital Output		
Channels	2	
Type	Open Collector (NPN)	
Load Voltage	$\leq +30$ VDC	
Max. Load Current	100 mA	
Isolation	None	
Mechanical		
Dimensions (mm)	38 mm x 64 mm	
Environmental		
Operating Temperature	-25 ~ +75 °C	
Storage Temperature	-40 ~ +80 °C	
Humidity	5 ~ 90 %, Non-condensing	