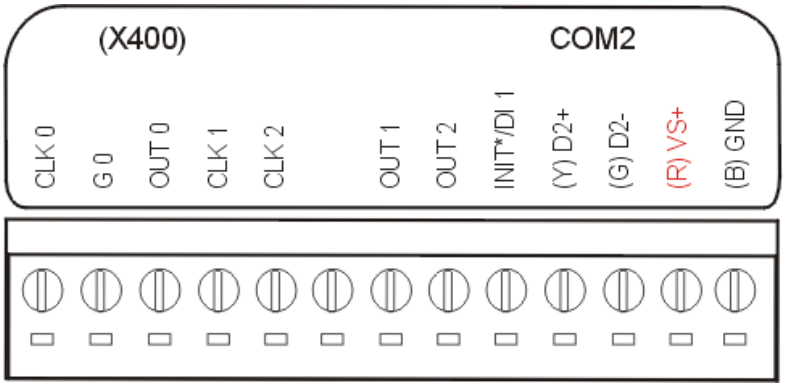
X400 Release Note:

Supported Products: I-7188XC

Specifications:

Timer / Counter	
Channel	3
Resolution	16-bit
Intra-module Isolation, Field to Logic	non-isolated

Pin Assignment:



Jumper Setting:

Note: user should remove R19, R20, R21, R22 and R23 in the 7188XC first. You can used 3 channels 16-bit counters or 1 channel 16-bit and 1 channel 32-bit.

- **J7: for counter 0**
- **TP0: Original function on 7188XC**
- **TP1: for counter 1, counter 2**

Jumper setting for 8254:

	1-2 ON	2-3 ON
CLK0	T1 → CLK0=TO_0	T1 → CLK0=pin1 of J5
G0	T2 → G0=Always High	T2 → G0=pin2 of J5
OUT0	OUT0 to INT0 & pin3 of J5	
CLK1	T4 → CLK1=TO_1	T4 → CLK0=pin4 of J5
G1	Always High	
OUT1	OUT1 to T3.1 & T5.1 & T6.1	
CLK2	T3 □ CLK2=OUT1	T3 □ CLK2=pin5 of J5
G2	Always High	
OUT2	OUT2 to T5.3 & T7.1	

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- **T1 is used to select internal TO_0 or external signal for CLK0**
- **T2 is used to select High or external signal for G0**
- **T3 is used to control 16-bit/32-bit counter. 1-2 select 32-bits counter, 2-3 select two 16-bit counters**
- **T4 is used to select internal TO_1 or external signal for CLK1**
- **T5 is used to select OUT1 or OUT2 to INT1**
- **T6 is used to select OUT1 to pin-7 of J5**
- **T7 is used to select OUT2 to pin-8 of J5**

Programming:

for I-7188XC

http://ftp.icpdas.com/pub/cd/8000cd/napdos/7188xabc/7188xc/demo/bc_tc/xboard/

Manual:

http://ftp.icpdas.com/pub/cd/8000cd/napdos/xboard/document/

Technical Service:

service@icpdas.com

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