

I/O Expansion Boards for A/D, D/A, DI, DO Boards



Optional X-board

Model	Description	D/I	D/O	A/D	Input Range	D/A	Output Range/th>	Used with I-7188XA/XB/XC/XG/EX/EG
X200	A/D	-	-	1	0 ~ 2.5 V	-	-	XC
X202	A/D	-	-	7	0 ~ 20 mA	-	-	XB/XG/EX/EG
X203	A/D, DI, DO	2	5	2	0 ~ 20 mA	-	-	XB/XG/EX/EG
X300	D/A	-	-	-	-	2	0 ~ 4.095 V	XC
X301	A/D, D/A	-	-	1	0 ~ 2.5 V	1	0 ~ 4.095 V	XC
X302	A/D, D/A	-	-	1	±5 V	1	±5 V	XC
X303	A/D, D/A, DI, DO	4	6	1	±5 V	1	±5 V	XB/XG/EX/EG
X304	A/D, D/A, DI, DO	4	4	3	±5 V	1	±5 V	XB/XG/EX/EG



Model	Description	D/I	D/O	A/D	Input Range	D/A	Output Range/th>	Used with I-7188XA/XB/XC/XG/EX/EG
X305	A/D, D/A, DI, DO	2	2	7	±5 V	1	±5 V	XB/XG/EX/EG
X305D	A/D, D/I, D/O	2	2	8	0 ~ 20 mA	-	-	XB/XG/EX/EG
X308	A/D, DO	-	6	4	0 ~ 10 V	-	-	XB/XG/EX/EG
X310	A/D, D/A, DI, DO	3	3	2	0 ~ 20 mA/0 ~ 10 V	2	0 ~ 10 V	XB/XG/EX/EG
X324	D/A, DO	-	4	-	-	4	0 ~ 5 V	XB/XG/EX/EG

Following μPAC supports I/O Expansion Bus, can mount one X-Board

- 1) For C language solution: I-7188XB(D), I-7188EX(D), μPAC-7186EX(D), μPAC-7186PEX(D), μPAC-7186EX(D)-FD, μPAC-7186EX(D)-SM
- 2) For ISaGRAF solution: I-7188XG(D), μPAC-7186EG(D)

X-Board is Series has following common specifications

- 1) DI channel: Dry contact, sink type, non-isolated
- 2) DO channel: Open Collector, sink type, 100 mA/channel load current, non-isolated