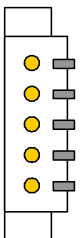


IPMB Connector

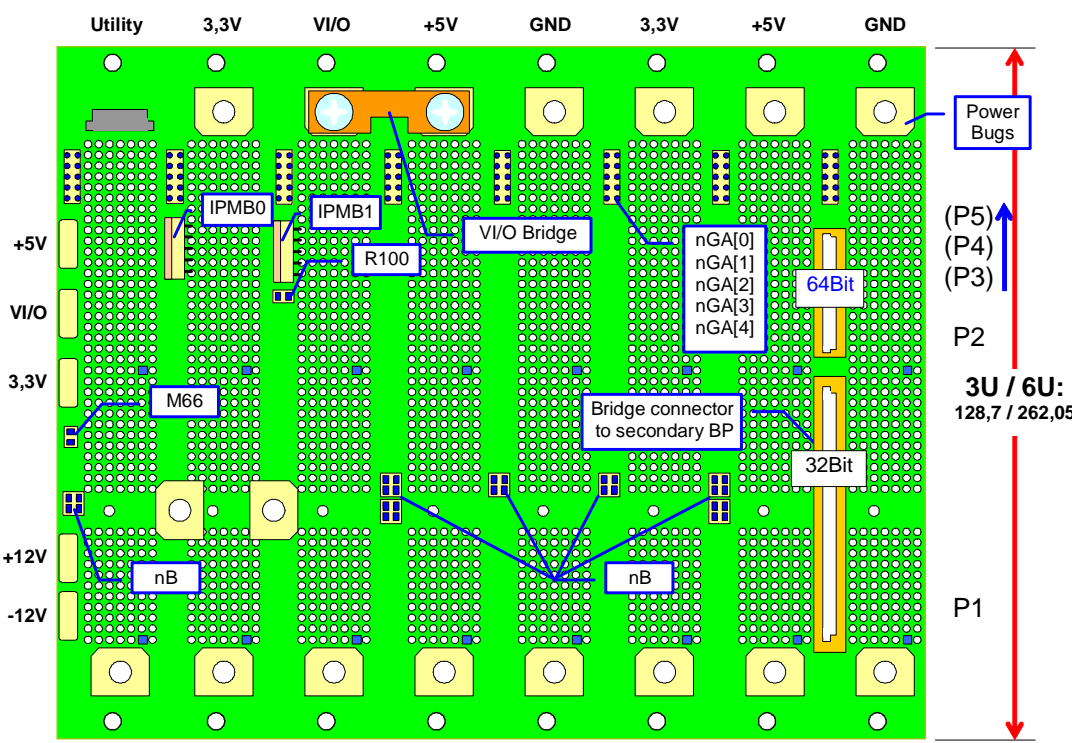
Top view on connector

Pin	Signal	Molex part#:	
1	SCL	board connector: 53398-0590	Vsm (Power) can be connected to +5V by using zero Ohm resistor of size 0603 (R100)
2	GND	free connector: 51021-0500	
3	SDA	crimp contact: 50079-8100	
4	Vsm	(AWG 26-28, bag)	
5	nc		



CPCI Backplane

Rear view, system slot right



← # of slots x 20,32 - 1 →								Slot #: logical
1P1	2P1	3P1	4P1	5P1	6P1	7P1	8P1	← physical
△ 8	○ 7	○ 6	○ 5	○ 4	○ 3	○ 2	○ 1	
+12V	3,3V	+5V	-12V	3,3V	+5V	GND	3,3V	+5V

nB: Board Select resistor/capacitor pads; default grounded by a removable copper link in outer layer; n: slot number;

M66: 66MHz enabling line can be grounded using a 0603 zero Ohm resistor; default is grounded for backplanes comprising more than 5 slots

Faston Blades on left hand side only available on Backplanes < 4 Slots:
 3 Slot BPs: V/I/O Power Bug on Top is replaced by 3,3V
 V/I/O is set by a cable bridge between Fastons
 +/- 12V Fastons not available
 1&2 Slot BPs: Faston available as shown
 no Power Bug on Top, replaced by IPMB0/1 connector

System Slot left Backplanes
 placement of components and Power Bug annotation is mirrored