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# CRPS

## CRPS Pinout

GND	P1	A1	B1	P7	GND
GND	P1	A2	B2	P7	GND
GND	P1	A3	B3	P7	GND
GND	P2	A4	B4	P8	GND
GND	P2	A5	B5	P8	GND
GND	P2	A6	B6	P8	GND
GND	P3	A7	B7	P9	GND
GND	P3	A8	B8	P8	GND
GND	P3	A9	B9	P8	GND
+12V	P4	A10	B10	P10	+12V
+12V	P4	A11	B11	P10	+12V
+12V	P4	A12	B12	P10	+12V
+12V	P5	A13	B13	P11	+12V
+12V	P5	A14	B14	P11	+12V
+12V	P5	A15	B15	P11	+12V
+12V	P6	A16	B16	P12	+12V
+12V	P6	A17	B17	P12	+12V
+12V	P6	A18	B18	P12	+12V
PMBus SDA	S1	A19	B19	S8	A0 (SMBus address)
PMBus SCL	S2	A20	B20	S9	A1 (SMBus address)
PSON#	S3	A21	B21	S10	+12Vstby
SMBAAlert#	S4	A22	B22	S11	Cold
Return sense	S5	A23	B23	S12	12V load
+12V Remote sense	S6	A24	B24	S13	Reserved
PWOK	S7	A25	B25	S14	Reserved

## Gold Finger Pin Assignment

Pin No.	Symbol	Pin Type	Function
A1-A9, B1-B9	GND	Isolated Ground	12V Main and 12VSB Standby Power Return; long pin length
A10-A18, B10-B18	12V	Isolated Power	12V Main Output; standard pin length
A19	SDA	I/O	SMBus/PMBus Data; short pin length
A20	SCL	Input	SMBus/PMBus Clock; 100KHzshort pin length
A21	PSON	Input	Active Low ; 12V Main output ON/OFF Control; short pin length
A22	SMBus ALERT#	Output	Active Low; interrupt line for devices that want to trade their ability to master for a pin; standard pin length
A23	RETURNS	Analog Input	12v Main Output Remote Sense -; standard pin length
A24	+12VRS	Analog Input	12V Main Output Remote Sense +; standard pin length
A25	PWOK	Output	PWOK Active High, indicates 12V Main is valid; standard pin length
B19	A0	Input	PMBus Address Bit 0; standard pin length
B20	A1	Input	PMBus Address Bit 0; standard pin length
B21	12VSB	Isolated Power	12V Standby Output; standard pin length
B22	CR_1	Analog Input	Smart; standard pin length
B23	12LS	Analog I/O	12V Main Output Load Current Sharing; standard pin length
B24	Present	Output	PSU is present or not; standard pin length
B25	PSKILL	Input	PSU fast turn off, short pin length