

NOTE: THE ARDUINO IDE (TOOLCHAIN) DOES NOT YET SUPPORT 328PB (iom328pb.h will show up with avr-libc when it does)

WARNING: SDA1 AND SCL1 ARE 0V AND 5V WHEN ATMEGA328P IS USED

PORT BIT 328P;328PB

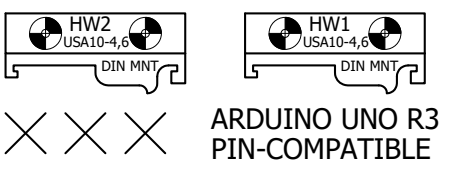
SDA1	1	0V; SDA1/ICP4 E0 (*)	* 2568 TX3
SCL1	2	+5V; SCL1/T4 E1	
RX	3	RX0 D0;D0	
TX	4	TX0 D1;D1	
INT0	5	INT0 D2; INT0/OC3B D2	
INT1	6	OC2B/INT1 D3; OC2B/INT1 D3	
T0	7	T0 D4;T0 D4	
T1	8	T1/OC0B D5; T1/OC0B D5	
OC0A	9	OC0A D6;OC0A D6	
D7	10	D7;D7	

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ICP1	B0; ICP1 B0	
OC1A	B1;OC1A B1	
SS	OC1B B2;SS/OC1B B2	
MISO	OC2A B3;MISO/OC2A TX1 B3	
SCK	B4; MISO/RX1 B4	
GND	SCK B5; SCK B5	
AREF	AREF	
ADC4/SDA C4; ADC4/SDA0 C4	ADC4/SDA C4; ADC4/SDA0 C4	
ADC5/SCL C5; ADC5/SCL0 C5	ADC5/SCL C5; ADC5/SCL0 C5	
ADC6; ADC6/ICP3/SS1 E2	ADC6; ADC6/ICP3/SS1 E2	
ADC7; ADC7/T3/MOSI1 E3	ADC7; ADC7/T3/MOSI1 E3	
0V	0V	
NC (**)	NC (**)	** 2568 ADC8

PPPC101LFBM

Reference Designators:
B Battery
C Capacitor
D Diode
F Fuse/Breaker
H Hardware & Outline
J Connector/Link
K Relay
L Inductor
M Motor (and Related)
P Power supply
Q Transistor
R Resistor
S Switch
T Transformer
TP Test point
U Integrated circuit/module
Y Crystal or oscillator



RPU BUS		RPU.BUS.ORG GITHUB.COM/EPCCS		Copyright (C) 2017 Ronald Sutherland Released under the Creative Commons Attribution-ShareAlike 4.0 International (CC BY-SA 4.0) http://creativecommons.org/licenses/by-sa/4.0/		SIZE B	
BK black BN brown RD red OG orange YE yellow		GN green BU blue VT violet GY gray WH white		Symbols = RD Names = BU Values = GY Label/info = VT Busses = Dark BU Net/Wire = GN Guide = YE		DATE: 1/16/17 NAME: RON S ADDR: 1627 W INVERNESS DR TEMPE AZ 85282 E-MAIL: ronald.sutherland@gmail.com PHONE: (480) 967-2851	
^6 ^5 ^4 ^3 ^2		ALL CS FROM CS_PWR ADC6 TO PV_RAW ADD 5V PLUG, PULL UP/DWN IO2, 10K B=3380 CONN 12V SLA /W CURR SENS PLUG IO 2:7, ADC 0:1, ICP ISLAND FOR FAST CHANG CURRENT TO REDUCE EMI BAT POLARITY, CS NOISE NIX AREF, ADD PULSE LP		1/16/17 10/16/16 8/27/16 3/23/16 2/20/16		DESCRIPTION: 328P[B] WITH SOLAR CC FOR 12V SLA MODEL: RPUNO DRAWING: 14140	
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