

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;D4	
T1	8	T1/OC0B D5; T1/OC0B D5	
OC0A	9	OC0A D6; OC0A D6	
D7	10	D7;D7	

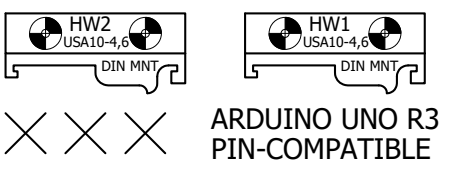
PPPC101LFBM
PPPC101LFBM


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		
ADC4/SDA C4; ADC4/SDA0 C4		
ADC5/SCL C5; ADC5/SCL0 C5		
ADC6; ADC6/ICP3/SS1 E2		
ADC7; ADC7/T3/MOSI1 E3		
0V		
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



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BK black		GN green		Symbols = RD Names = BU Values = GY Label/Info = VT Busses = Dark BU Net/Wire = GN Guide = YE		DATE:		NAME:		ADDR: 1627 W INVERNESS DR TEMPE AZ 85282			
BN brown		BU blue				Edit		1/16/17		RON S		E-MAIL: ronald.sutherland@gmail.com	
RD red		VT violet				Chk						PHONE: (480) 967-2851	
OG orange		GY gray											
YE yellow		WH white											
^6		ALL CS FROM CS_PWR ADC6 TO PV_RAW				1/16/17		TO: FROM:		DESCRIPTION: 328P[B] WITH SOLAR CC FOR 12V SLA			
^5		ADD 5V PLUG, PULL UP/DWN IO2, 10K B=3380 CONN				10/16/16							
^4		12V SLA /W CURR SENS PLUG IO 2:7; ADC 0:1; ICP				8/27/16							
^3		ISLAND FOR FAST CHANG CURRENT TO REDUCE EMI				3/23/16				MODEL: RPUNO			
^2		BAT POLARITY, CS NOISE NIX AREF, ADD PULSE LP				2/20/16							DRAWING: 14140
REV		BUGZILLA ISSUE #				JDATE		1/1		4/21/2017 3:47 PM			