

NOTE: THE 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
IO2	5	INT0 D2; INT0/OC3B D2
IO3	6	OC2B/INT1 D3; OC2B/INT1 D3
IO4	7	T0 D4;T0 D4
IO5	8	T1/OC0B D5; T1/OC0B D5
IO6	9	OC0A D6;OC0A D6
IO7	10	D7;D7

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IO8	10	ICP1 B0; ICP1 B0
IO9	9	OC1A B1;OC1A B1
SS	8	SS/OC1B B2;SS/OC1B B2
MISO	7	MISO/OC2A B3;MISO/OC2A/TX1 B3
SCK	6	SCK B4; MISO/RX1 B4
IOV	5	SCK B5; SCK B5
NC	4	GND
NC	3	AREF
SDA	2	ADC4/SDA C4; ADC4/SDA0 C4
SCL	1	ADC5/SCL C5; ADC5/SCL0 C5

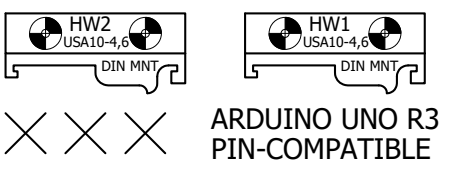
J10

ADC0	1	ADC0 C0;ADC0/MISO1 C0
ADC1	2	ADC1 C1;ADC1/SCK1 C1
ADC2	3	ADC2 C2;ADC2 C2
ADC3	4	ADC3 C3;ADC3 C3
NC	5	ADC4/SDA C4; ADC4/SDA0 C4
NC	6	ADC5/SCL C5; ADC5/SCL0 C5
ADC6	7	ADC6; ADC6/ICP3/SS1 E2
ADC7	8	ADC7; ADC7/T3/MOSI1 E3
IOV	9	0V
NC	10	NC (**)

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\*\* 2568 ADC8

- 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		RPUBUS.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: 11/2/17 NAME: RON S ADDR: 1627 W INVERNESS DR TEMPE AZ 85282 E-MAIL: ronald.sutherland@gmail.com PHONE: (480) 967-2851	
^8		USE IO5, IO6, IO7 FOR CURR SOUR ENABLE		11/2/17		TO:	
^7		RM LT3652		9/20/17		DESCRIPTION: PC, ICP+CS, 2 ADC+CS 6 DIO IN 2 GROUPS+CS	
^6		ALL CS FROM CS_PWR ADC6 TO PV_RAW		1/16/17		MODEL: RPUNO	
^5		ADD 5V PLUG, PULL UP/DWN IO2, 10K B=3380 CONN		10/16/16		DRAWING: 14140	
^4		12V SLA /W CURR SENS PLUG IO 2:7, ADC 0:1, ICP		8/27/16		11/4/2017 10:07 PM	
REV		BUGZILLA ISSUE #		JDATE		1/1	