



- 32TQFPpin  
ATTMEGA328P reg-bit  
{PCINT}  
(Digital IO)  
function #notes [RPUftdi]  
12 PB0 {0} (D 8) ICP1 [DTR\_RXD]  
13 PB1 {1} (D 9) OC1A [LED\_BUILTIN]  
14 PB2 {2} (D 10) SS OC1B [SS]  
15 PB3 {3} (D 11) MOSI OC2A [MOSI]  
16 PB4 {4} (D 12) MISO [MISO]  
17 PB5 {5} (D 13) SCK [SCK]  
23 PC0 {8} (D 14) ADC0 [FTDI\_CTS]  
24 PC1 {9} (D 15) ADC1 [FTDI\_DSR]  
25 PC2 {10} (D 16) ADC2 [TX\_RE]  
26 PC3 {11} (D 17) ADC3 [RX\_DE]  
27 PC4 {12} (D 18) ADC4 SDA [SDA0]  
28 PC5 {13} (D 19) ADC5 SCL [SCL0]  
19 () ADC6 [USBV\_ADC6]  
22 () ADC7 [VIN\_ADC7]  
30 PD0 {16} (D 0) RXD [DTR\_RXD]  
31 PD1 {17} (D 1) TXD [DTR\_TXD]  
32 PD2 {18} (D 2) INT0 [FTDI\_DTR]  
1 PD3 {19} (D 3) INT1 OC2B [FTDI\_RTS]  
2 PD4 {20} (D 4) T0 [RX\_RE]  
9 PD5 {21} (D 5) T1 OC0B [TX\_DE]  
10 PD6 {22} (D 6) OC0A [DTR\_RE]  
11 PD7 {23} (D 7) [DTR\_DE]

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) <a href="http://creativecommons.org/licenses/by-sa/4.0/">http://creativecommons.org/licenses/by-sa/4.0/</a>		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:		NAME:		ADDR: 1627 W INVERNESS DR TEMPE AZ 85282		
Edit		1/14/17		E-MAIL: ronald.sutherland@gmail.com		
Chk				PHONE: (480) 967-2851		
TO:		DESCRIPTION:		REMOTE PROG UNIT ADAPTOR /W USB		
FROM:		MODEL:		RPUFTDI		
DRAWING:		14145		5/22/2017 10:57 PM		
REV		BUGZILLA ISSUE #		JDATE		
^4		ICP1 TO TP		1/14/17		
^3		ADD XTAL, RM CCRST FIX MGR BRICKING		7/12/16		
^2		ADPT^2, SWAP 1634 & 328, FULL BUS CONT		11/22/15		
^1		^0 NEVER MADE THIS REV MARKED WITH .1		6/29/14		

- 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