ZX1

216-3340-00-0602J

S0   1   16   TCK/24
S1   2   15   LED   10
TMS/25 3   14   DATA/26   R9
S3   4   13
      5   12   GND
      6   11
      7   10
      8   9

USB
GND   GND
VBUS   +5V   D5 1N4004
D-   D-
D+   D+

+5V   1k   1k   +5V
     R7   R8
          D7   BLUE GREEN
TXD0/1   D8   RXD0/0

R5 1k   R6 1k
RX   TX

U$2

S0   1   S0   VDD   8
S1   2   S1   LED
TMS/25 3   S2   LED   7   LED
S3   4   S3
DATA/26 6 PWM
           VSS   5
HCS301-I/P   GND

GND
                            GND
                     C18
             +5V   10uf
                     C17
                     100nf

CH340G

GND   C20   1 GND VCC 16
C15   100nf   2 TX   RS232 15
22pf   TX   3 RX   RTS 14
           RX   4 V3   DTR 13   C19
                       5 D+   DCD 12   100nf RESET
           D+   6 D-   RI   11
           D-   7 XI   DSR 10
12MHz Y2   8 XO   CTS   9
22pf C16
GND

J5
LED   10   9   S0
DATA/26 8   7   S1
         6   5   TMS/25
         4   3   S3
+5V   2   1   GND
usb_asp   GND