EPROM

FLASH

JP7
Jumper

100nF C14

U1
U1
M27C2001-10F1

100nF C16

U2
U2
AS6C4008-55PCN

100nF C15

U3
U3
AS6C4008-55PCN

Conn_01x11 J1

Conn J8

XTAL 18.432 MHz
Y1
Y1

C1
22 pF

C2
22 pF

C25
C25

R10
10k

U4
MCP130-450FI/TO
1uF

R5

R4

Reset
Conn

RS-232_0
J3

U6
C12
C5 C12
1uF
C17

1uF
C7 C10
1uF
C10

C6

MAX232

Conn_to_9_pin_Dsub

LED D2

IC1

C20
100nF IC1

Z8018010VSC

RS-232_1
J4

U7
C11
C11
1uF
C19

1uF
C8 C9
1uF

MAX232

Conn_to_9_pin_Dsub

Arduino
shields

Y2
XTAL 16 MHz
Y2

C3
22 pF

C4
22 pF

1k R3
R2

1k

ATmega328P-PU

100nF
C18

C13
100nF

ICSP
J10

J8

D5
1N4006

Conn_02x03

Jumper Jumper Jumper Jumper
JP3 JP4 JP5 JP6

U9

74LS74

U10

74LS74

C23
100nF

R12
1k

D4
LED

C22
100nF

U10

1k R9

D3
LED

U5

U5

ATF22V10C

JP1 JP2

1000nF

C26

Tx
R1
R1

Res_sel

D1
LED

R6

R7
BC182

C28

C28
1uF

Power   +

J6
Screw_terminal

−

microSD_0
J1

SD_Card_0

microSD_1
J2

SD_CARD_1

100nF
C29

J5

Conn_01x08 J7

Conn_01x06

R11
10k

R11