以太网　　W5500方案　　集成硬件TCP/IP协议栈

U1
W5500

A3V3

TXN
TXP
RXN
RXP
LINKLED
ACTLED

YELLOW_LED_A
GREEEN_LED_A
GREEEN_LED_K
YELLOW_LED_K

R10 49R9 1%
R9 49R9 1%
R8 10R

C9 6.8nF
C8 6.8nF

R5 82R
R7 82R
R4 330R
R3 330R

C6 10nF
C11 22nF
C12 100nF
C5 100nF

LINKLED
ACTLED

J7
RJ45

C7 18P
C10 18P
Y1
25M
XTAL_25M_3225
R6 1M

3V3
A3V3

R11 10K
R12 10K
R13 10K

CS
SCK
MISO
MOSI
INT
RST

R14 10K
R15 10K
R16 10K
R17 10K
R18 10K
R19 10K
R20 10K
R21 10K

R2 12.4K
R38: 12.4K +-1%
C2 4.7uF
C1 10nF
R1 10K

U3
SMD_2X6_2.54

CS
MISO
INT

SCK
MOSI
RST
3V3

U2
SMD_2X6_2.54

CS
MISO
INT

SCK
MOSI
RST
3V3

J114 3.0MM
J115 3.0MM

3V3
A3V3

C13 100nF
L1 120
C4 4.7uF
C3 100nF

3V3
R22 1K
RED D1