PWR_FLAG
VDD
VDD

J4 PWR
VDD VDD
C1 C2 C9
0.1uF 0.1uF 0.1uF
GND GND

J2 DATA_BUS
DB0 1 2 DB1
DB2 3 4 DB3
DB4 5 6 DB5
DB6 7 8 DB7
DB8 9 10 DB9
DB10 11 12 DB11
DB12 13 14 DB13
DB14 15 16 DB15

J3 CTRL_BUS
AB1 1 2 AB2
AB3 3 4 AB4
RESET 5 6 IRQ5
UWE 7 8 RD
CSB0 9 10
PF0 11 12

U1 TC7S32FU
VDD
GND

U2 TC7S32FU
VDD
GND

U3 TC7SH00FU
VDD
GND

UWE
RD
CSB0
RESET

PF0
AB4
IRQ5

VDD VDD VDD VDD IRQ5

CS8900A-CQ3Z

DVDD1 DVDD2 DVDD3 DVDD4 AVDD1 AVDD2 AVDD3 /MEMW /MEMR /REFRESH /SBHE /DMACK0 /DMACK1 /DMACK2 IOCHRDY /TEST /BSTATUS MEMCS16 /IOCS16 /CSOUT DMARQ0 DMARQ1 DMARQ2 EEDATAOUT INTRQ0 INTRQ1 INTRQ2 INTRQ3 EECS EESK

R4 4.99K 1%
GND
77 /SLEEP
93 RES

DB8 65 SD0
DB9 66 SD1
DB10 67 SD2
DB11 68 SD3
DB12 71 SD4
DB13 72 SD5
DB14 73 SD6
DB15 74 SD7

GND 37 SA0
38 SA1
AB1 39 SA2
AB2 40 SA3
AB3 41 SA4
GND 42 SA5
43 SA6
44 SA7
VDD 45 SA8
46 SA9

62 /IOW
61 /IOR
75 RESET

VDD
C3 0.1uF
GND

R3 100K
GND

AEN SA10 SA11 SA12 SA13 SA14 SA15 SA16 SA17 SA18 SA19 SD8 SD9 SD10 SD11 SD12 SD13 SD14 SD15 EEDATAIN /CHIPSEL DVSS1 DVSS1A DVSS2 DVSS3 DVSS3A DVSS4 AVSS0 AVSS1 AVSS2 AVSS3 AVSS4 /ELCS

GND
GND

DB0 DB1 DB2 DB3 DB4 DB5 DB6 DB7

XTAL2 98
XTAL1 97
Y1 20MHz

VDD
D1 LINK LED
D2 LAN LED

/LINKLED 99
560 R2
/LANLED 100
560 R1

RXD- 92
RXD+ 91
TXD- 88
TXD+ 87

R8 100, 1%
R7 8.2 1%
R6 8.2 1%
560pF C8

RXD-
RXD+
TXD-
TXD+

E2023EL TR1
16 RD-
15
14 RD+
11 TD-
10
9 TD+

LAN_CON J1

C6 0.1uF
C7 0.1uF
C5 4700pF/1KV
C4 4700pF/1KV
GND GND

GND

DO- 84
DO+ 83
CI- 82
CI+ 81
DI- 80
DI+ 79

IC1

GND