+3V3

C3
100n
GND

R3 R4 4k7
SDA
SCL

IC1
6 SCL
7 WP
8 VCC
3 A2
2 A1
1 A0
EEPROM Array
SDA 5
GND
24LC64-I/SN

IC2
1 SCL(SPC)   VDD 9
4 SDA(SDI)   VDDIO 10
2 SDO(SA0)
CS
SCL
SDA
+3V3
12 INT1   RES 7
11 INT2   GND 5*3
LIS2DW12
C4 100n C5 4u7
GNDGNDGND
+3V3

R14 10k +3V3

IC3
SDI   OUT0 MX2_0
CLK   OUT1 MX2_1
/LA   OUT2 MX2_2
/OE   OUT3 MX2_3
OUT4 MX2_4
OUT5 MX2_5
OUT6 MX2_6
OUT7 MX2_7
OUT8 MX2_8
OUT9 MX2_9
OUT10 MX2_10
OUT11 MX2_11
OUT12 MX2_12
OUT13 MX2_13
OUT14 MX2_14
OUT15 MX2_15
REXT SDO
SCT2024CSTG
ED5 ED3 ED4 ED6
R16 4k7 GND

MX2_7 MX2_6 MX2_5 MX2_4 MX2_8 MX2_9 MX2_10 MX2_11 MX2_0
LED52 LED57 LED54 LED58 LED55 LED59
LED6 DIS1 LED10
SA52-11EWA
R17 10 +3V3 +3V3
C10 1u
C8 10u
GND GND

IC4
SDI   OUT0 MX3_0
CLK   OUT1 MX3_1
/LA   OUT2 MX3_2
/OE   OUT3 MX3_3
OUT4 MX3_4
OUT5 MX3_5
OUT6 MX3_6
OUT7 MX3_7
OUT8 MX3_8
OUT9 MX3_9
OUT10 MX3_10
OUT11 MX3_11
OUT12 MX3_12
OUT13 MX3_13
OUT14 MX3_14
OUT15 MX3_15
REXT SDO
SCT2024CSTG
R15 4k7 GND

DIS2 SA52-11EWA
SA52-11EWA
R18 10 +3V3 +3V3
C11 1u
C9 10u
GND GND

FD10
ED11
FD12
FD13
FD9
ZL262-8DG
7 8
5 6
3 4
1 2
JP5
GND +3V3

JP1
NC 1
IOREF 2
RESET 3
3V3 4 +3V3
5V 5
GND1 6
GND2 7
VIN 8
POWER
GND GND

JP3
1 SCL
2 SDA
3 AREF
4 GND
SCK
MISO
MOSI
SS
D8
ED13 ED12 ED11 ED10 ED9 ED8
DIGITAL-8-13

JP2
A0 1 EA0
2 EA1
3 EA2
4 EA3
5 EA4
A5 6 EA5
ANALOG

JP4
1 D7
2 3
4 5
6
D0
ED7 ED6 ED5 ED4 ED3 ED2 ED1 ED0
DIGITAL-0-7

R1 4k7 +3V3
Q1 DS18B20+
DQ VDD GND
ED2
GND

C1 1u
GND
R5 10k
+3V3
EA1 EA0
CA9MV-10K R2
C2 100n
JP6 NTCC-10K
GND GND GND

EA4 R6 1k TACT-64K-F GND
EA5 R7 1k S1 TACT-64K-F GND
S2
FA3 470 R8
FA2 470 R9
LED1 LH-R974-LP-1
LED2 LH-R974-LP-1

EN1 EC12E1220405
A COM B

FD8 1k R11 10k R12 +3V3
ED7 1k R10 10k R13
C6 1n C7 1n
GNDGND GND

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