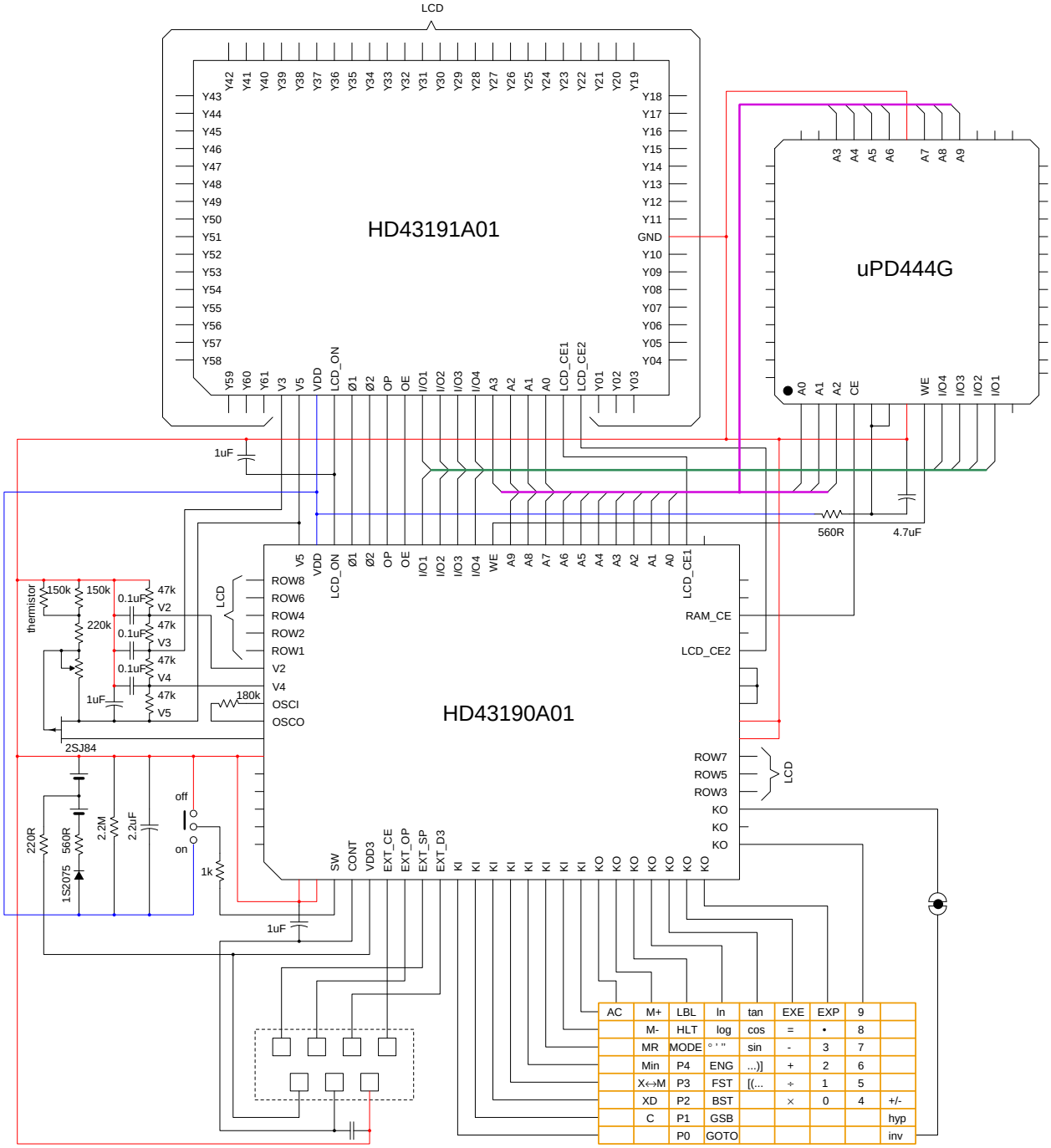
LCD
HD43191A01
uPD444G
HD43190A01
Y42 Y41 Y40 Y39 Y38 Y37 Y36 Y35 Y34 Y33 Y32 Y31 Y30 Y29 Y28 Y27 Y26 Y25 Y24 Y23 Y22 Y21 Y20 Y19
Y43 Y44 Y45 Y46 Y47 Y48 Y49 Y50 Y51 Y52 Y53 Y54 Y55 Y56 Y57 Y58
Y18 Y17 Y16 Y15 Y14 Y13 Y12 Y11 GND Y10 Y09 Y08 Y07 Y06 Y05 Y04
Y59 Y60 Y61 V3 V5 VDD LCD_ON Ø1 Ø2 OP OE I/O1 I/O2 I/O3 I/O4 A3 A2 A1 A0 LCD_CE1 LCD_CE2 Y01 Y02 Y03
A3 A4 A5 A6 A7 A8 A9
A0 A1 A2 CE WE I/O4 I/O3 I/O2 I/O1
1uF
560R
4.7uF
V5 VDD LCD_ON Ø1 Ø2 OP OE I/O1 I/O2 I/O3 I/O4 WE A9 A8 A7 A6 A5 A4 A3 A2 A1 A0 LCD_CE1
ROW8
ROW6
ROW4
ROW2
ROW1
V2
V4
OSCI
OSCO
RAM_CE
LCD_CE2
ROW7
ROW5
ROW3
KO
KO
KO
LCD
thermistor
150k
150k
220k
47k
47k
47k
47k
0.1uF
0.1uF
0.1uF
V2
V3
V4
V5
1uF
180k
2SJ84
220R
560R
1S2075
2.2M
2.2uF
off
on
1k
1uF
SW CONT VDD3 EXT_CE EXT_OP EXT_SP EXT_D3 KI KI KI KI KI KI KI KI KO KO KO KO KO KO KO
AC M+ LBL ln tan EXE EXP 9
M- HLT log cos = • 8
MR MODE ° ' " sin - 3 7
Min P4 ENG ...)] + 2 6
X↔M P3 FST [(... ÷ 1 5
XD P2 BST × 0 4 +/-
C P1 GSB hyp
P0 GOTO inv