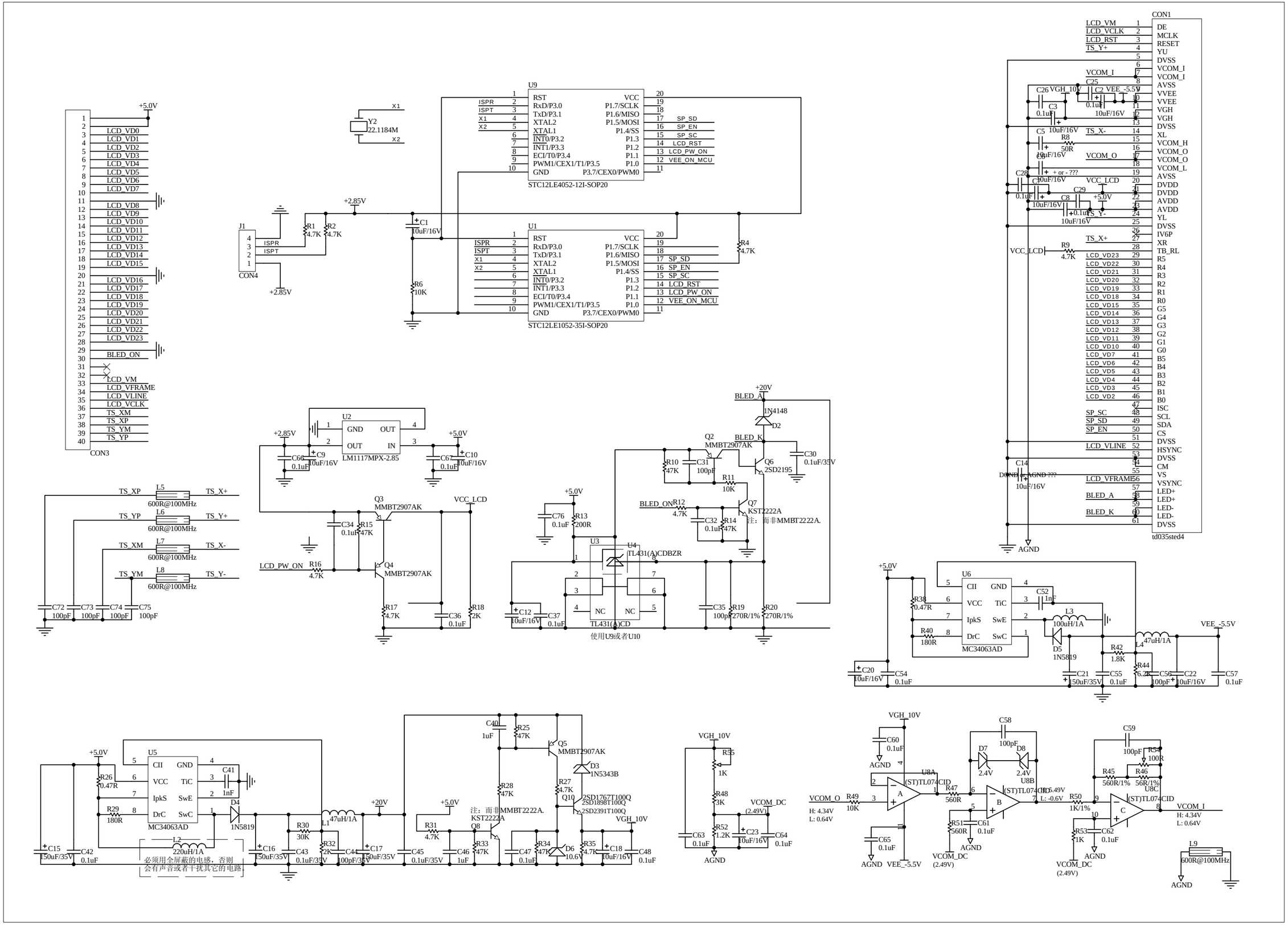
CON3
LCD_VD0
LCD_VD1
LCD_VD2
LCD_VD3
LCD_VD4
LCD_VD5
LCD_VD6
LCD_VD7
LCD_VD8
LCD_VD9
LCD_VD10
LCD_VD11
LCD_VD12
LCD_VD13
LCD_VD14
LCD_VD15
LCD_VD16
LCD_VD17
LCD_VD18
LCD_VD19
LCD_VD20
LCD_VD21
LCD_VD22
LCD_VD23
BLED_ON
LCD_VM
LCD_VFRAME
LCD_VLINE
LCD_VCLK
TS_XM
TS_XP
TS_YM
TS_YP
+5.0V
U9
STC12LE4052-12I-SOP20
U1
STC12LE1052-35I-SOP20
RST
RxD/P3.0
TxD/P3.1
XTAL2
XTAL1
INT0/P3.2
INT1/P3.3
ECI/T0/P3.4
PWM1/CEX1/T1/P3.5
GND
VCC
P1.7/SCLK
P1.6/MISO
P1.5/MOSI
P1.4/SS
P1.3
P1.2
P1.1
P1.0
P3.7/CEX0/PWM0
ISPR
ISPT
X1
X2
SP_SD
SP_EN
SP_SC
LCD_RST
LCD_PW_ON
VEE_ON_MCU
Y2
22.1184M
J1
CON4
+2.85V
R1 4.7K
R2 4.7K
C1 10uF/16V
R6 10K
R4 4.7K
U2
LM1117MPX-2.85
GND
OUT
IN
C66 0.1uF
C9 10uF/16V
C67 0.1uF
C10 10uF/16V
Q3
MMBT2907AK
Q4
MMBT2907AK
VCC_LCD
C34 0.1uF
R15 47K
LCD_PW_ON
R16 4.7K
R17 4.7K
C36 0.1uF
R18 2K
L5 600R@100MHz
L6 600R@100MHz
L7 600R@100MHz
L8 600R@100MHz
TS_XP
TS_X+
TS_YP
TS_Y+
TS_XM
TS_X-
TS_YM
TS_Y-
C72 100pF
C73 100pF
C74 100pF
C75 100pF
+20V
BLED_A
1N4148
D2
Q2
MMBT2907AK
BLED_K
C30 0.1uF/35V
R10 47K
C31 100pF
R11 10K
Q6
2SD2195
BLED_ON
R12 4.7K
Q7
KST2222A
注：而非MMBT2222A.
C32 0.1uF
R14 47K
C76 0.1uF
R13 200R
U3
U4
TL431(A)CDBZR
NC
TL431(A)CD
使用U9或者U10
C12 10uF/16V
C37 0.1uF
C35 100pF
R19 270R/1%
R20 270R/1%
CON1
td035sted4
DE
MCLK
RESET
YU
DVSS
VCOM_I
AVSS
VVEE
VGH
XL
VCOM_H
VCOM_O
VCOM_L
DVDD
AVDD
YL
IV6P
XR
TB_RL
R5
R4
R3
R2
R1
R0
G5
G4
G3
G2
G1
G0
B5
B4
B3
B2
B1
B0
ISC
SCL
SDA
CS
HSYNC
CM
VS
VSYNC
LED+
LED-
C26
VGH_10V
C25
C2 0.1uF
VEE_-5.5V
C3 0.1uF
10uF/16V
C5
R8 50R
C6
VCOM_O
C28
C7
+ or - ???
VCC_LCD
C29
C8 0.1uF
TS_Y-
TS_X-
TS_X+
R9 4.7K
C14 10uF/16V
DONE ??? AGND ???
AGND
U6
MC34063AD
CII
VCC
IpkS
DrC
GND
TiC
SwE
SwC
R38 0.47R
R40 180R
C52 1nF
L3 100uH/1A
D5 1N5819
L4 47uH/1A
R42 1.8K
R44 6.2K
C20 10uF/16V
C54 0.1uF
C21 150uF/35V
C55 0.1uF
C56 100pF
C22 10uF/16V
C57 0.1uF
U5
R26 0.47R
R29 180R
C41 1nF
D4 1N5819
L1 47uH/1A
L2 220uH/1A
必须用全屏蔽的电感，否则
会有声音或者干扰其它的电路
C15 150uF/35V
C42 0.1uF
C16 150uF/35V
R30 30K
C43 0.1uF/35V
R32 2K
C44 100pF/35V
C17 150uF/35V
C40 1uF
R25 47K
Q5
MMBT2907AK
D3
1N5343B
R28 47K
R27 4.7K
Q10
2SD1767T100Q
2SD1898T100Q
2SD2391T100Q
注：而非MMBT2222A.
KST2222A
Q8
R31 4.7K
R33 47K
C45 0.1uF/35V
C46 1uF
C47 0.1uF
R34 47K
D6 10.6V
R35 4.7K
C18 10uF/16V
C48 0.1uF
VGH_10V
R55 1K
R48 3K
R52 1.2K
C23 10uF/16V
C63 0.1uF
C64 0.1uF
VCOM_DC (2.49V)
VCOM_O
H: 4.34V
L: 0.64V
R49 10K
U8A
(ST)TL074CID
C60 0.1uF
C65 0.1uF
D7 2.4V
D8 2.4V
C58 100pF
U8B
R47 560R
R51 560R
C61 0.1uF
H: 5.49V
L: -0.6V
C59 100pF
R54 100R
R45 560R/1%
R46 56R/1%
U8C
R50 1K/1%
R53 1K
C62 0.1uF
VCOM_I
L9 600R@100MHz