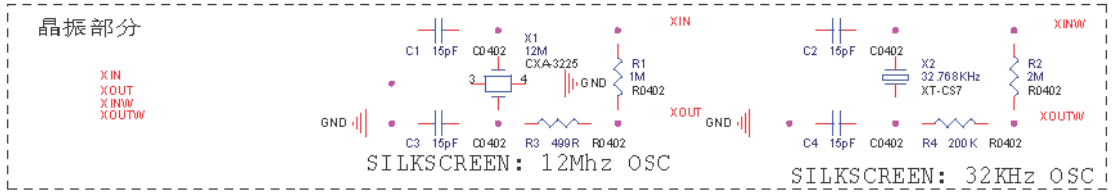


U1A

X_USB_DM 11 USB 负
X_USB_DP 11 USB 正
X_VBUS 11 USB OTG 电源状态检测（检测设备是否有电源提供）
USB OTG ID
X_USB_PDDM X_USB_PDDM 下拉
X_USB_PDDP X_USB_PDDP 下拉
X_USB_PUDP X_USB_PUDP 上拉
R5 15K R0402
R6 15K R0402
R7 1.5K R0402
GND
VCC33

X_PWR_EN 9 VDDPDN电源开关
X_RESET_B 8,13 系统复位信号
X_I2C_SDA 8,16,17,18 IIC信号线
X_I2C_SCL 8,16,17,18

X_GPS_DATA1 20
X_GPS_DATA0 20
X_GPS_RF_CLK 20

X_L_PCLK 15
X_L_HSYNC 15
X_L_VSYNC 15
X_L_BIAS 15
X_LDD0 15
X_LDD1 15
X_LDD2 15
X_LDD3 15
X_LDD4 15
X_LDD5 15
X_LDD6 15
X_LDD7 15

9 BATT_TAULT_A
R8 100K R0402 VCC33

X_GPIO0 10
红外数据校验确认信号
X_GPIO2 11 USB状态检测
X_GPIO3 11 SD卡插入检测脚
X_GPIO4 12 触摸屏状态检测
X_GPIO5
SD_CLE 18
X_GPIO7 14 TFT背光亮度控制

电池电量状态检测（需要确认硬件，该功能脚是否正确）
X_GPIO5 R202 0R R0402 BATT_TAULT_A 9

X_GPIO8 15
X_GPIO9 15
X_GPIO10 15
X_GPIO11 15
X_GPIO12 15
X_GPIO13 15
X_GPIO14 15
X_GPIO15 15

X_GPIO16 8
X_GPIO17 8
X_GPIO18 8
X_GPIO19 8
X_GPIO20 8
JTAG

GPS_RF_RST
GPS_RF_RST 2

X_GPIO22 8

X_GPIO23 17 耳机状态检测
CVBS_EN 16
X_GPIO25 13 DC状态检测

X_TXD0 8
X_RXD0 8

X_SCLK1 12
X_TXD1 12
X_RXD1 12
X_TFS1 12
AC97/I2S口

GPS_RF_ON 20
SPI_CLK2
SPI_DATA2
SPI_CS2
X_SCLK2 20
X_TXD2 20
X_TFS2 20

TXD3 19
RXD3 19

IrDA_RXD
NAND_WP 7 FLASH写保护脚
X_RXD4 11 GAME数据校检输

TXD5 19
RXD5 19

X_SD_DAT3 11,18
X_SD_DAT2 11,18
X_SD_DAT1 11,18
X_SD_CLK 11,18
X_SD_CMD 11,18
X_SD_DAT0 11,18
SD 卡接口

VCC33
GND
VCC33 4,5,6,7,8,9,10,16,18,19
GND 4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20

STAT1_CHG 13

R9 0R R0402
R10 0R R0402
GND

Atlas II 14x14
TF332

G718		记录	
KEVIN		G718-SCH-A	
		03	第 2 页 20

U1B

X_MCLK_O 6

X_MWE 6
X_MCKE 6
X_MCS0 6

X_MDQM3 6
X_MDQM2 6
X_MDQM1 6
X_MDQM0 6

X_MRAS 6
X_MCAS 6

X_MA[12:0] 6

X_MD[31:0] 6

X_MBA1 6
X_MBA0 6

MENU 8 MENU 按键

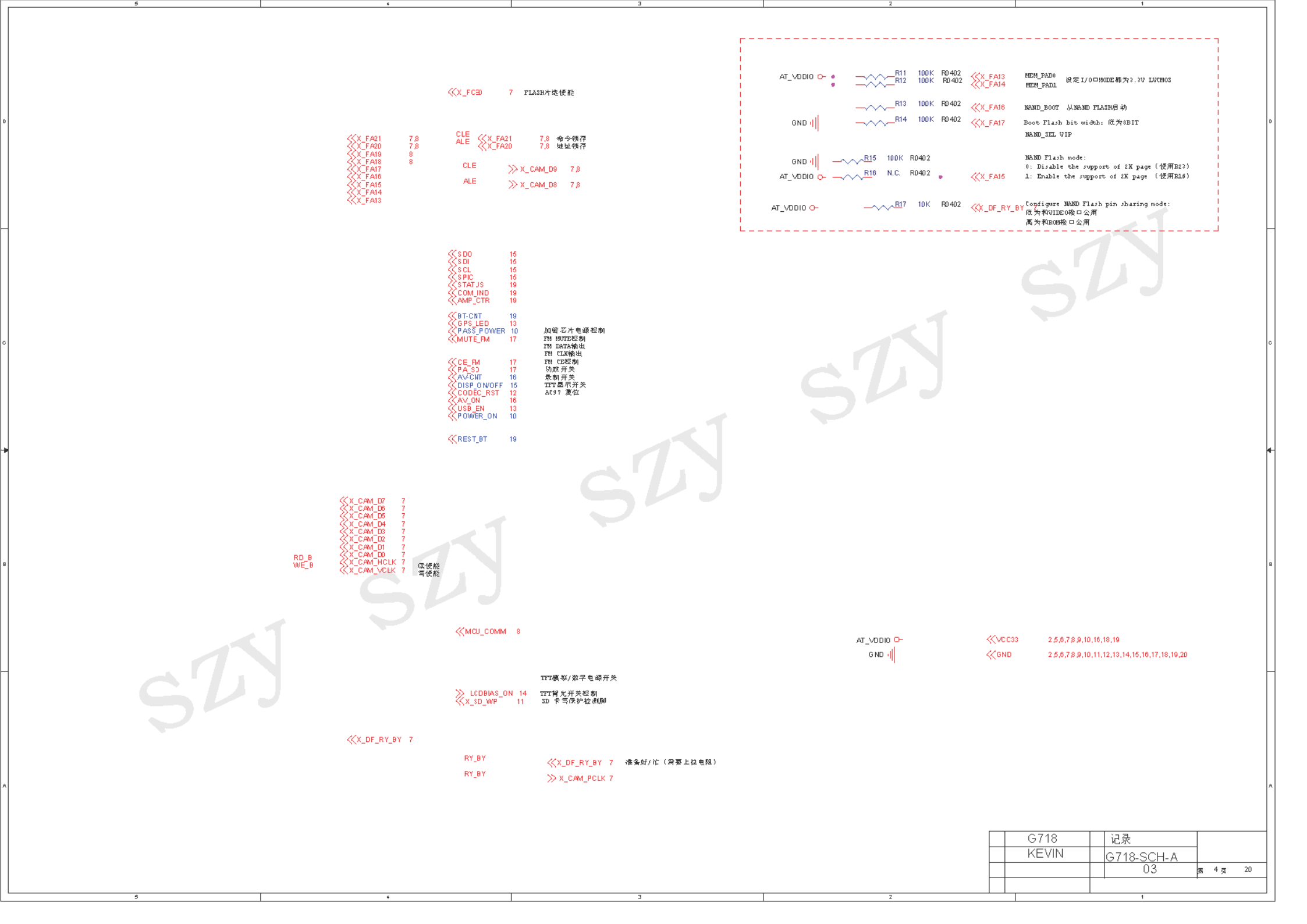
TP3 TEST_1
TP4 TEST_1

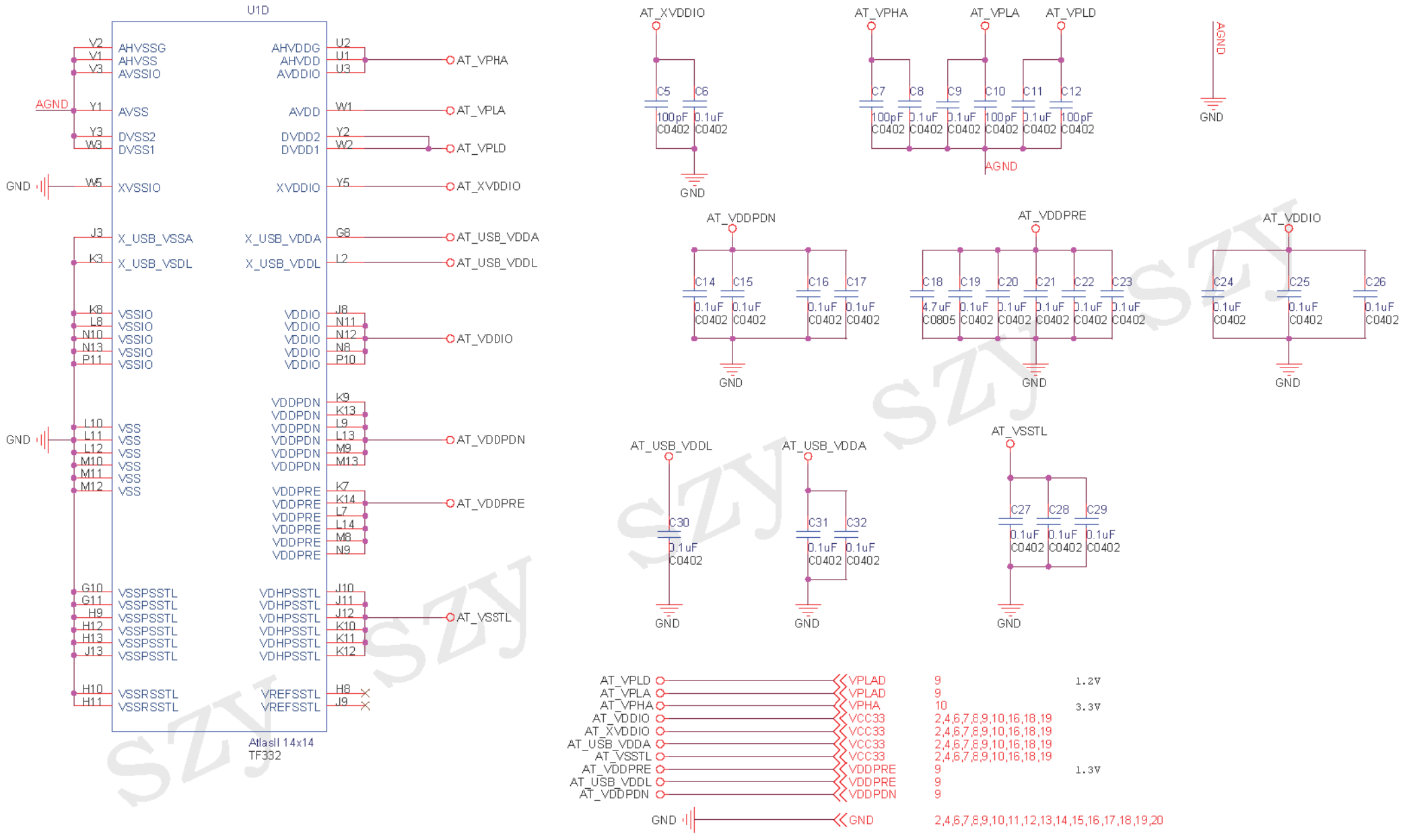
ID7 16
ID6 16
ID5 16
ID4 16
ID3 16
ID2 16
ID1 16
ID0 16

C_VSYNC 16
C_HSYNC 16
C_PCLK 16

Atlas II 14x14
TF332

G718		记录	
KEVIN		G718-SCH-A	
		03	第 3 页 20


X_FCS0 7 FLASH片选使能
X_FA21 7,8
X_FA20 7,8
X_FA19 8
X_FA18 8
X_FA17
X_FA16
X_FA15
X_FA14
X_FA13
CLE
ALE
X_FA21 7,8 命令锁存
X_FA20 7,8 地址锁存
CLE
X_CAM_D9 7,8
ALE
X_CAM_D8 7,8
AT_VDDIO
R11 100K R0402
R12 100K R0402
X_FA13
X_FA14
MEM_PAD0
MEM_PAD1
设定I/O口MODE都为3.3V LVCMOS
R13 100K R0402
X_FA16
NAND_BOOT 从NAND FLASH启动
GND
R14 100K R0402
X_FA17
Boot Flash bit width: 低为8BIT
NAND_SEL VIP
GND
R15 100K R0402
AT_VDDIO
R16 N.C. R0402
X_FA15
NAND Flash mode:
0: Disable the support of 2K page (使用R23)
1: Enable the support of 2K page (使用R15)
AT_VDDIO
R17 10K R0402
X_DF_RY_BY
Configure NAND Flash pin sharing mode:
低为和VIDEO接口公用
高为和ROM接口公用
SDO 15
SDI 15
SCL 15
SPIC 15
STATUS 19
COM_IND 19
AMP_CTR 19
BT-CNT 19
GPS_LED 13
PASS_POWER 10 加锁芯片电源控制
MUTE_FM 17 FM MUTE控制
FM DATA输出
FM CLK输出
FM CE控制
CE_FM 17
PA_SD 17 功放开关
AV-CNT 16 录制开关
DISP_ON/OFF 15 TFT显示开关
CODEC_RST 12 AC97 复位
AV_ON 16
USB_EN 13
POWER_ON 10
REST_BT 19
X_CAM_D7 7
X_CAM_D6 7
X_CAM_D5 7
X_CAM_D4 7
X_CAM_D3 7
X_CAM_D2 7
X_CAM_D1 7
X_CAM_D0 7
RD_B
WE_B
X_CAM_HCLK 7 读使能
X_CAM_VCLK 7 写使能
MCU_COMM 8
TFT模拟/数字电源开关
LCDBIAS_ON 14 TFT背光开关控制
X_SD_WP 11 SD 卡写保护检测脚
X_DF_RY_BY 7
RY_BY
RY_BY
X_DF_RY_BY 7 准备好/忙（需要上拉电阻）
X_CAM_PCLK 7
AT_VDDIO
GND
VCC33 2,5,6,7,8,9,10,16,18,19
GND 2,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20
SZY
G718
KEVIN
记录
G718-SCH-A
03
张 4 页 20



	G718	记录	
	KEVIN	G718-SCH-A	
		03	第 5 页 20

SILKSCREEN: MCLK

RS

3 X_MBA0 X_MBA0
3 X_MBA1 X_MBA1
3 X_MCLK_O X_MCLK_O

3 X_MCAS X_MCAS
3 X_MRAS X_MRAS

3 X_MWE X_MWE
3 X_MCKE X_MCKE
3 X_MCS0 X_MCS0

3 X_MDQM0 X_MDQM0
3 X_MDQM1 X_MDQM1
3 X_MDQM2 X_MDQM2
3 X_MDQM3 X_MDQM3

3 X_MA[12:0]
X_MA0 X_MA1 X_MA2 X_MA3 X_MA4 X_MA5 X_MA6 X_MA7 X_MA8 X_MA9 X_MA10 X_MA11 X_MA12

3 X_MD[31:0]
X_MD0 X_MD1 X_MD2 X_MD3 X_MD4 X_MD5 X_MD6 X_MD7 X_MD8 X_MD9 X_MD10 X_MD11 X_MD12 X_MD13 X_MD14 X_MD15 X_MD16 X_MD17 X_MD18 X_MD19 X_MD20 X_MD21 X_MD22 X_MD23 X_MD24 X_MD25 X_MD26 X_MD27 X_MD28 X_MD29 X_MD30 X_MD31

X_MD0 MD0
X_MD1 MD1
X_MD2 MD2
X_MD3 MD3
X_MD4 MD4
X_MD5 MD5
X_MD6 MD6
X_MD7 MD7
X_MD8 MD8
X_MD9 MD9
X_MD10 MD10
X_MD11 MD11
X_MD12 MD12
X_MD13 MD13
X_MD14 MD14
X_MD15 MD15
X_MD16 MD16
X_MD17 MD17
X_MD18 MD18
X_MD19 MD19
X_MD20 MD20
X_MD21 MD21
X_MD22 MD22
X_MD23 MD23
X_MD24 MD24
X_MD25 MD25
X_MD26 MD26
X_MD27 MD27
X_MD28 MD28
X_MD29 MD29
X_MD30 MD30
X_MD31 MD31

RA1 22x8P4R
X_MDQM0 4 5 MDQM0
X_MDQM1 3 6 MDQM1
X_MDQM3 2 7 MDQM3
X_MDQM2 1 8 MDQM2
R0402M

RA2 22x8P4R
X_MRAS 1 8 MRAS
X_MA9 2 7 MA9
X_MA11 3 6 MA11
X_MA12 4 5 MA12
R0402M

RA3 22x8P4R
X_MA5 1 8 MA5
X_MCKE 2 7 MCKE
X_MA10 3 6 MA10
X_MCS0 4 5 MCS0
R0402M

RA4 22x8P4R
X_MBA1 1 8 MBA1
X_MWE 2 7 MWE
X_MBA0 3 6 MBA0
X_MA0 4 5 MA0
R0402M

RA5 22x8P4R
X_MA4 1 8 MA4
X_MCAS 2 7 MCAS
X_MA6 3 6 MA6
X_MA1 4 5 MA1
R0402M

RA6 22x8P4R
X_MA7 1 8 MA7
X_MA2 2 7 MA2
X_MA8 3 6 MA8
X_MA3 4 5 MA3
R0402M

X_MCLK_O R18 22R MCLK_O
R0402

U2
MA0 23 A0 DQ0 2 MD0
MA1 24 A1 DQ1 4 MD1
MA2 25 A2 DQ2 5 MD2
MA3 26 A3 DQ3 7 MD3
MA4 29 A4 DQ4 8 MD4
MA5 30 A5 DQ5 10 MD5
MA6 31 A6 DQ6 11 MD6
MA7 32 A7 DQ7 13 MD7
MA8 33 A8 DQ8 42 MD8
MA9 34 A9 DQ9 44 MD9
MA10 22 A10 DQ10 45 MD10
MA11 35 A11 DQ11 47 MD11
MA12 36 A12 DQ12 48 MD12
DQ13 50 MD13
MBA0 20 BA0 DQ14 51 MD14
MBA1 21 BA1 DQ15 53 MD15
MDQM0 15 LDQM CS 19 MCS0
MDQM1 39 UDQM RAS 18 MRAS
CAS 17 MCAS
MCKE 37 CKE WE 16 MWE
MCLK_O 38 CK
VDD 1
28 VSS VDD 14
41 VSS VDD 27
54 VSS
VDDQ 3
6 VSSQ VDDQ 9
12 VSSQ VDDQ 43
46 VSSQ VDDQ 49 PWR_SDRAM
52 VSSQ NC 40
GND
NT5SV16M16BS-6K
HY57V561620

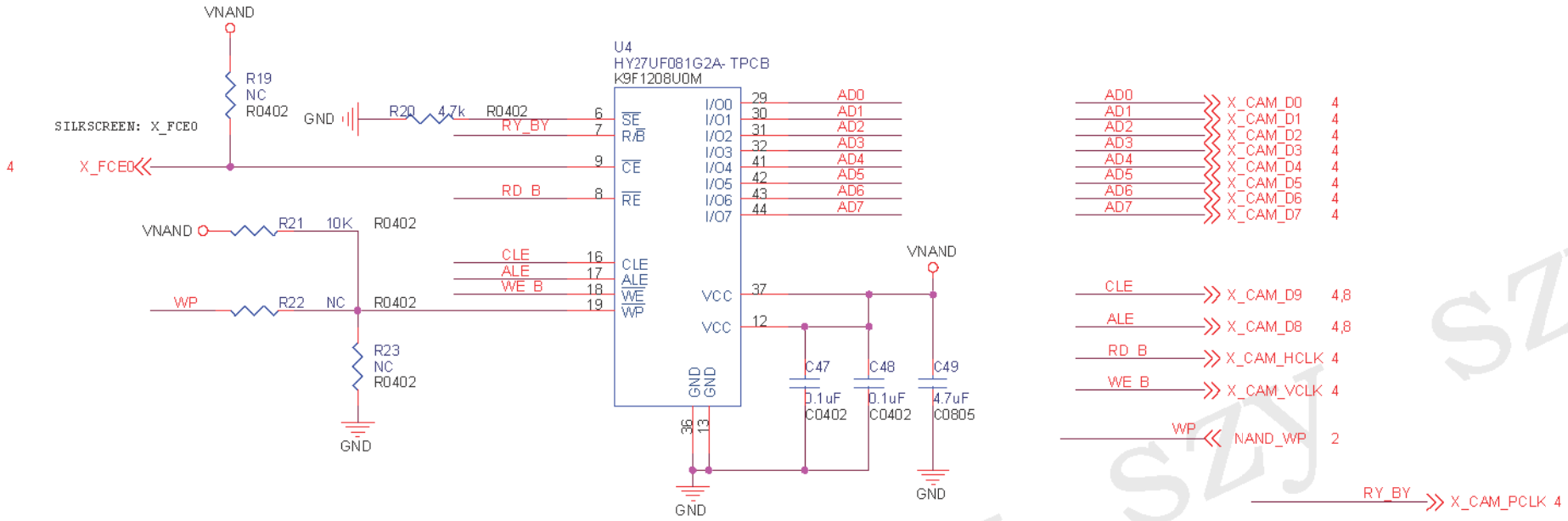
U3
MA0 23 A0 DQ0 2 MD16
MA1 24 A1 DQ1 4 MD17
MA2 25 A2 DQ2 5 MD18
MA3 26 A3 DQ3 7 MD19
MA4 29 A4 DQ4 8 MD20
MA5 30 A5 DQ5 10 MD21
MA6 31 A6 DQ6 11 MD22
MA7 32 A7 DQ7 13 MD23
MA8 33 A8 DQ8 42 MD24
MA9 34 A9 DQ9 44 MD25
MA10 22 A10 DQ10 45 MD26
MA11 35 A11 DQ11 47 MD27
MA12 36 A12 DQ12 48 MD28
DQ13 50 MD29
MBA0 20 BA0 DQ14 51 MD30
MBA1 21 BA1 DQ15 53 MD31
MDQM2 15 LDQM CS 19 MCS0
MDQM3 39 UDQM RAS 18 MRAS
CAS 17 MCAS
MCKE 37 CKE WE 16 MWE
MCLK_O 38 CK
VDD 1
28 VSS VDD 14
41 VSS VDD 27
54 VSS
VDDQ 3
6 VSSQ VDDQ 9
12 VSSQ VDDQ 43
46 VSSQ VDDQ 49 PWR_SDRAM
52 VSSQ NC 40
GND
NT5SV16M16BS-6K
HY57V561620

PWR_SDRAM VCC33 2,4,5,7,8,9,10,16,18,19

C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46
0.1uF C0402
GND

GND GND 2,4,5,7,8,9,10,11,12,13,14,15,16,17,18,19,20

	G718	记录	
	KEVIN	G718-SCH-A	
		03	第 6 页 20



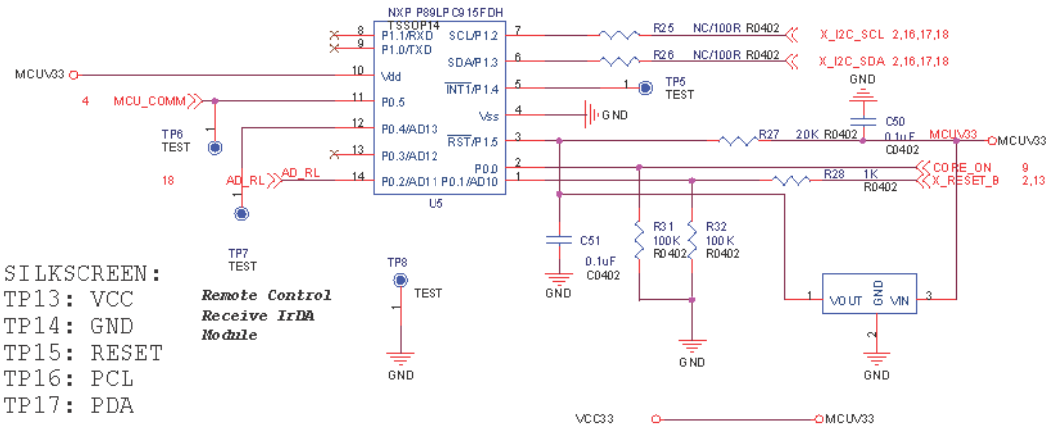
调试时R35=10R，R36=NC

VNAND — VCC33 — 2,4,5,6,8,9,10,16,18,19

GND — GND — 2,4,5,6,8,9,10,11,12,13,14,15,16,17,18,19,20

G718	记录		
KEVIN	G718-SCH-A		
	03	第 7 页	20

TP13,TP14,TP15,TP16,TP17, FOR ICP DOWNLOAD

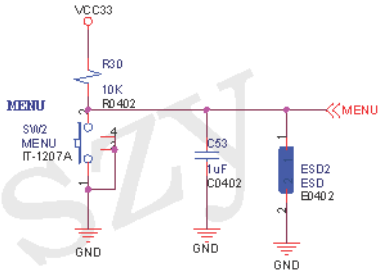


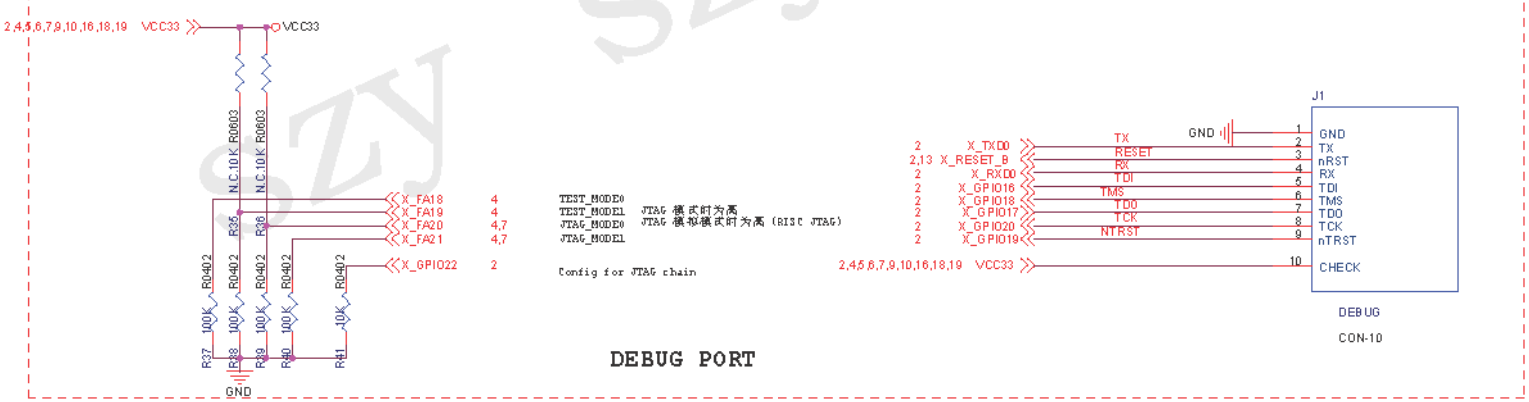
SILKSCREEN:
TP13: VCC
TP14: GND
TP15: RESET
TP16: PCL
TP17: PDA

Remote Control Receive IrDA Module

VCC33 MCUV33

RESET



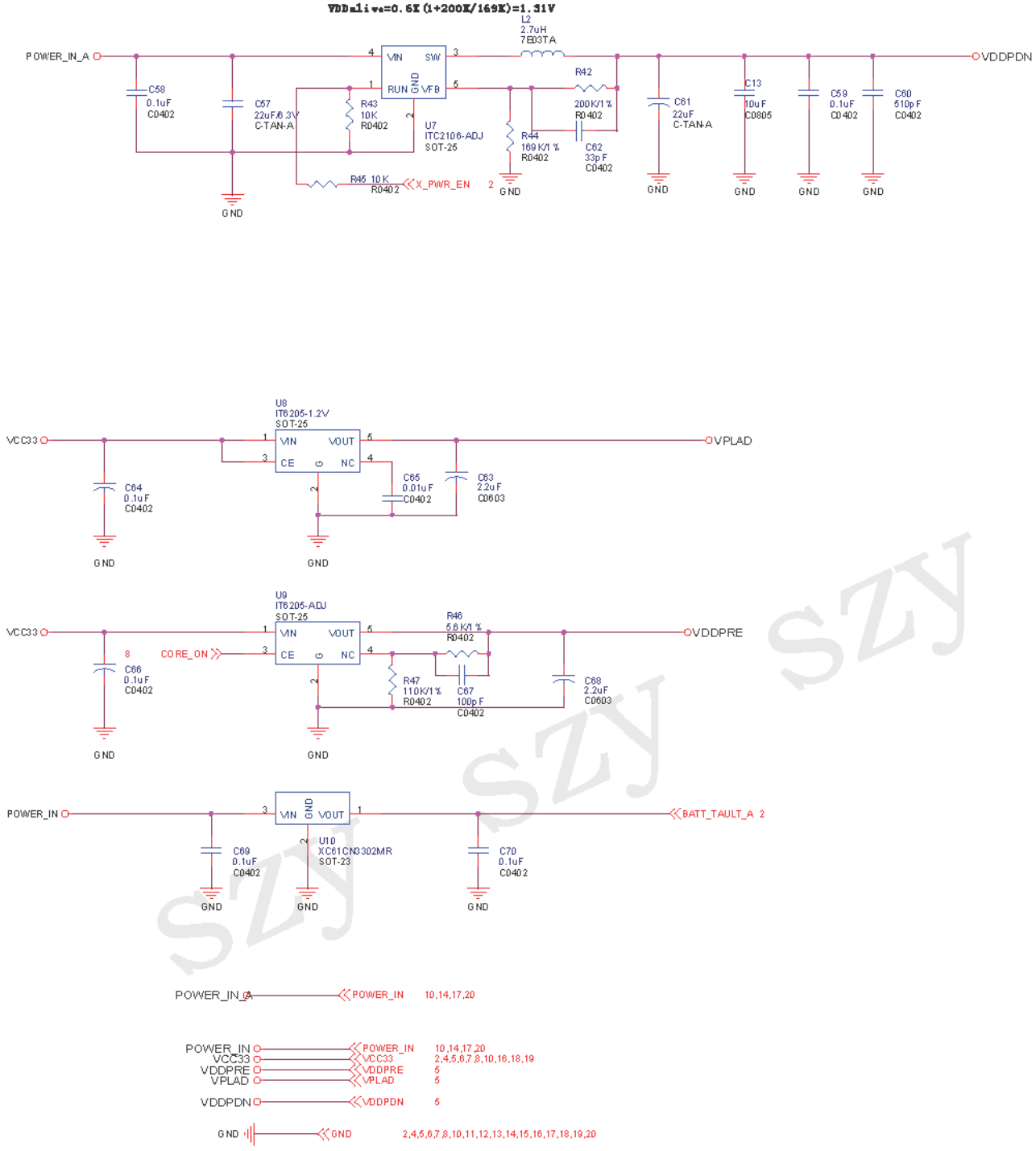


DEBUG PORT

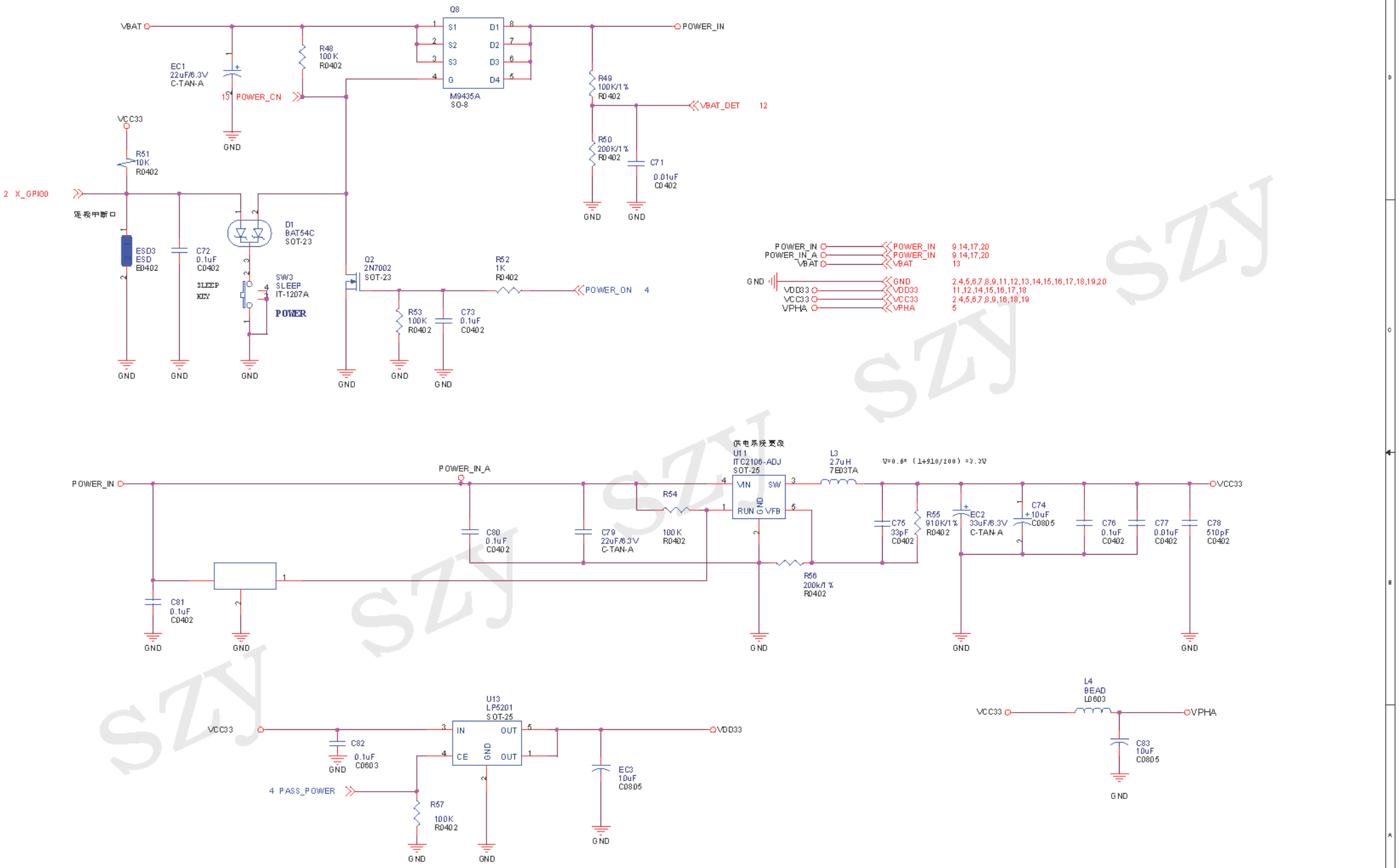
GND GND 2,4,5,6,7,9,10,11,12,13,14,15,16,17,18,19,20

VCC33 VCC33 2,4,5,6,7,9,10,16,18,19

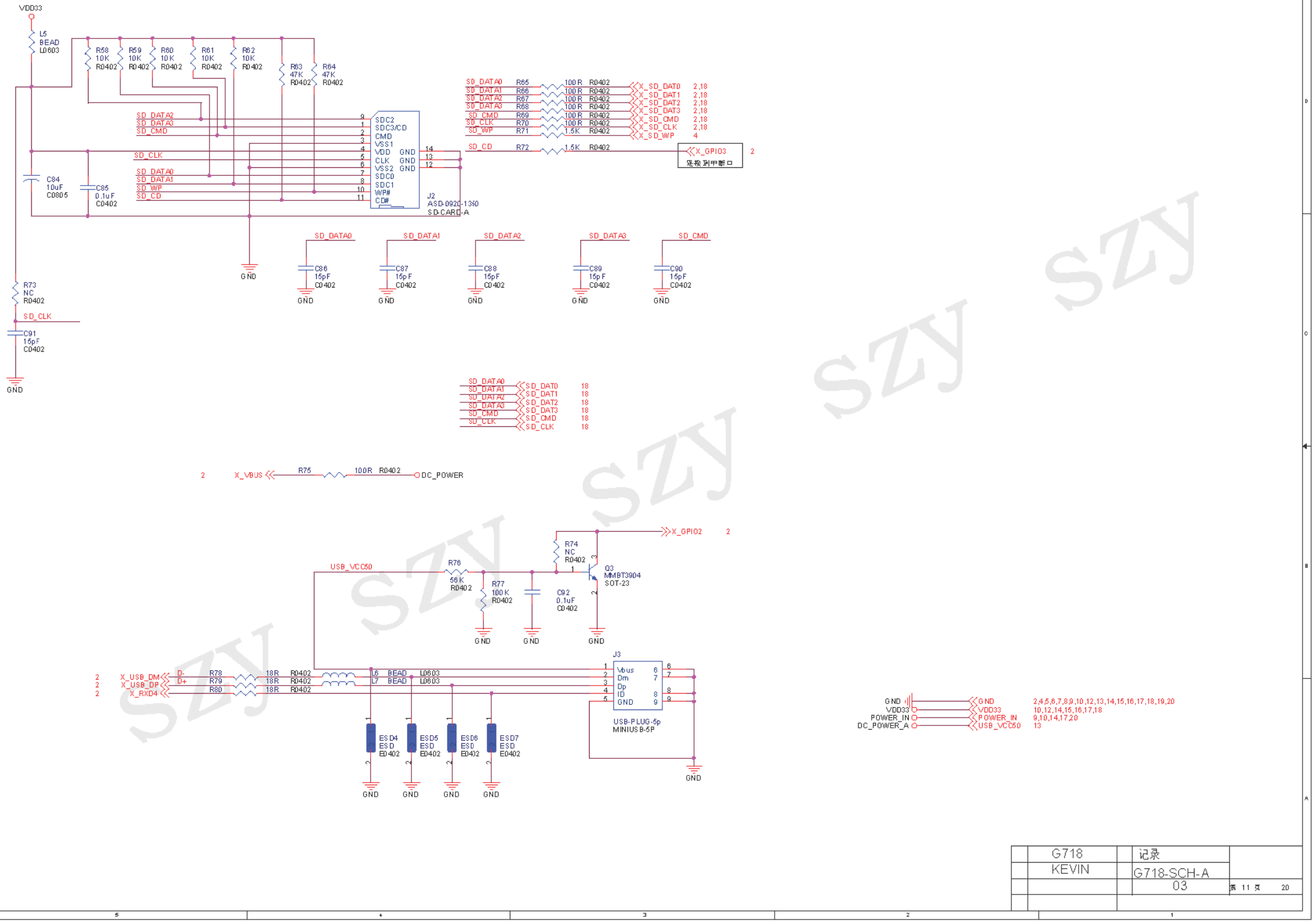
	G718	记录	
	KEVIN	G718-SCH-A	
		03	第 8 页 20



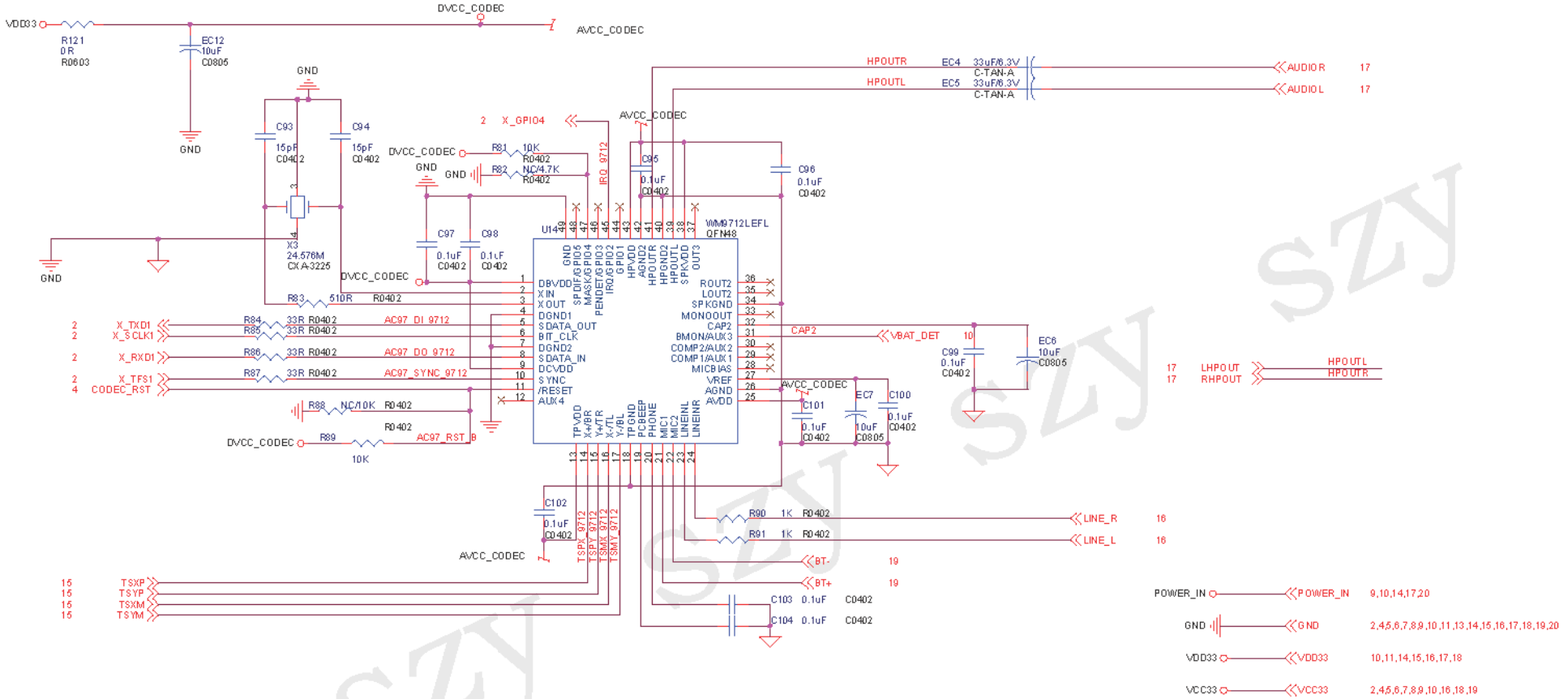
	G718	记录	
	KEVIN	G718-SCH-A	
		03	第 9 页 20



G718		记录	
KEVIN		G718-SCH-A	
		03	第 10 页 20



G718		记录	
KEVIN		G718-SCH-A	
		03	第 11 页 20



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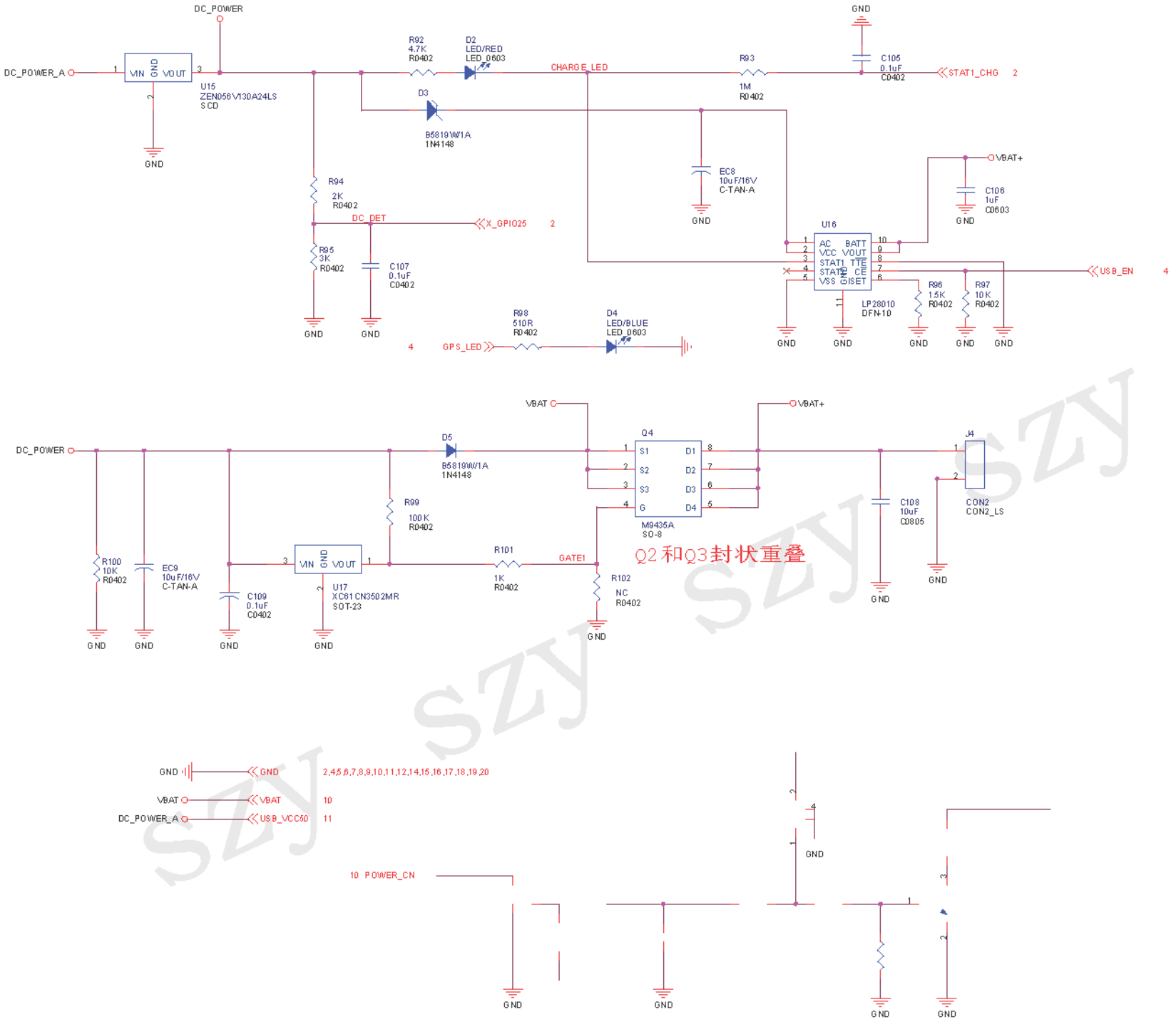
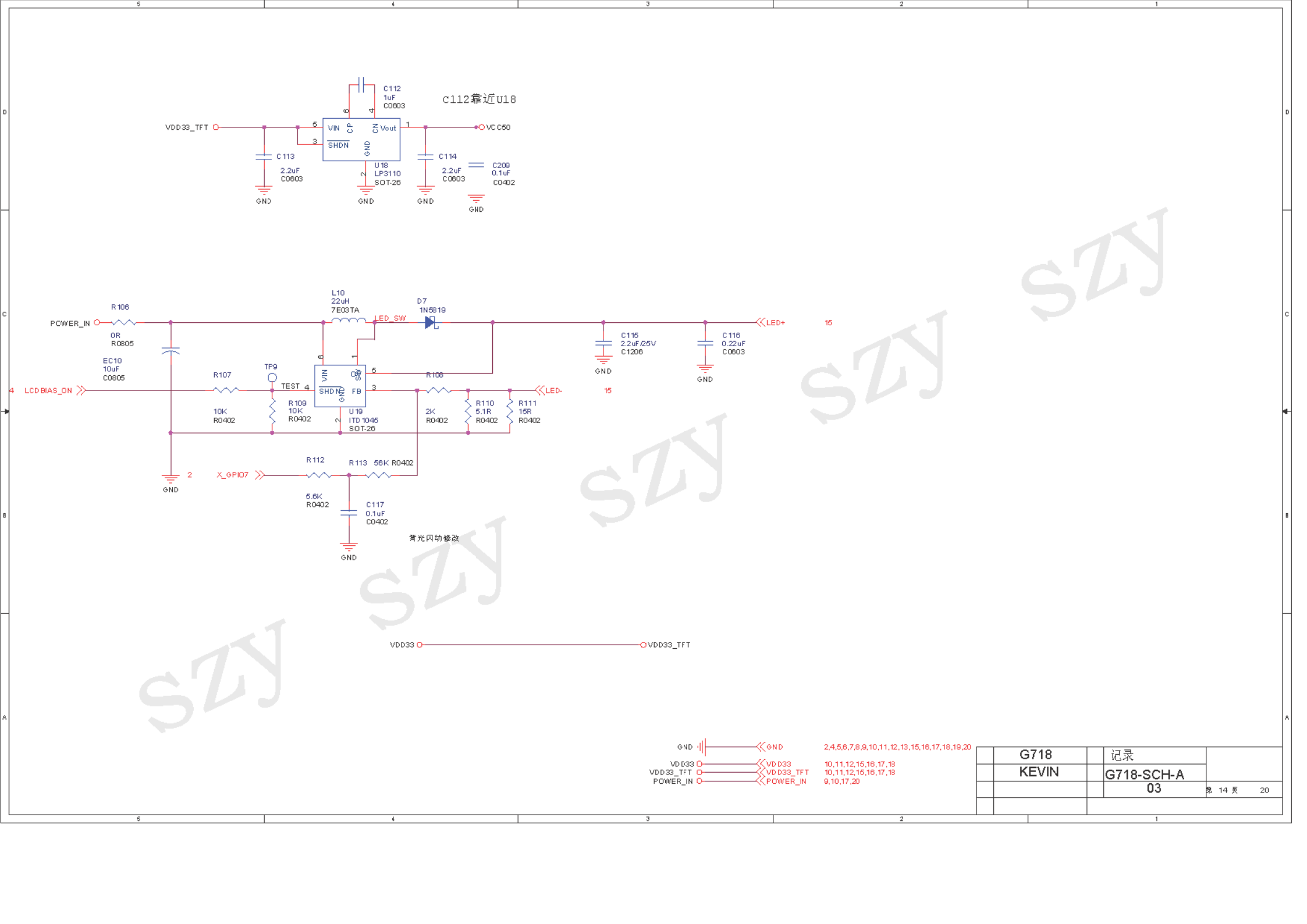
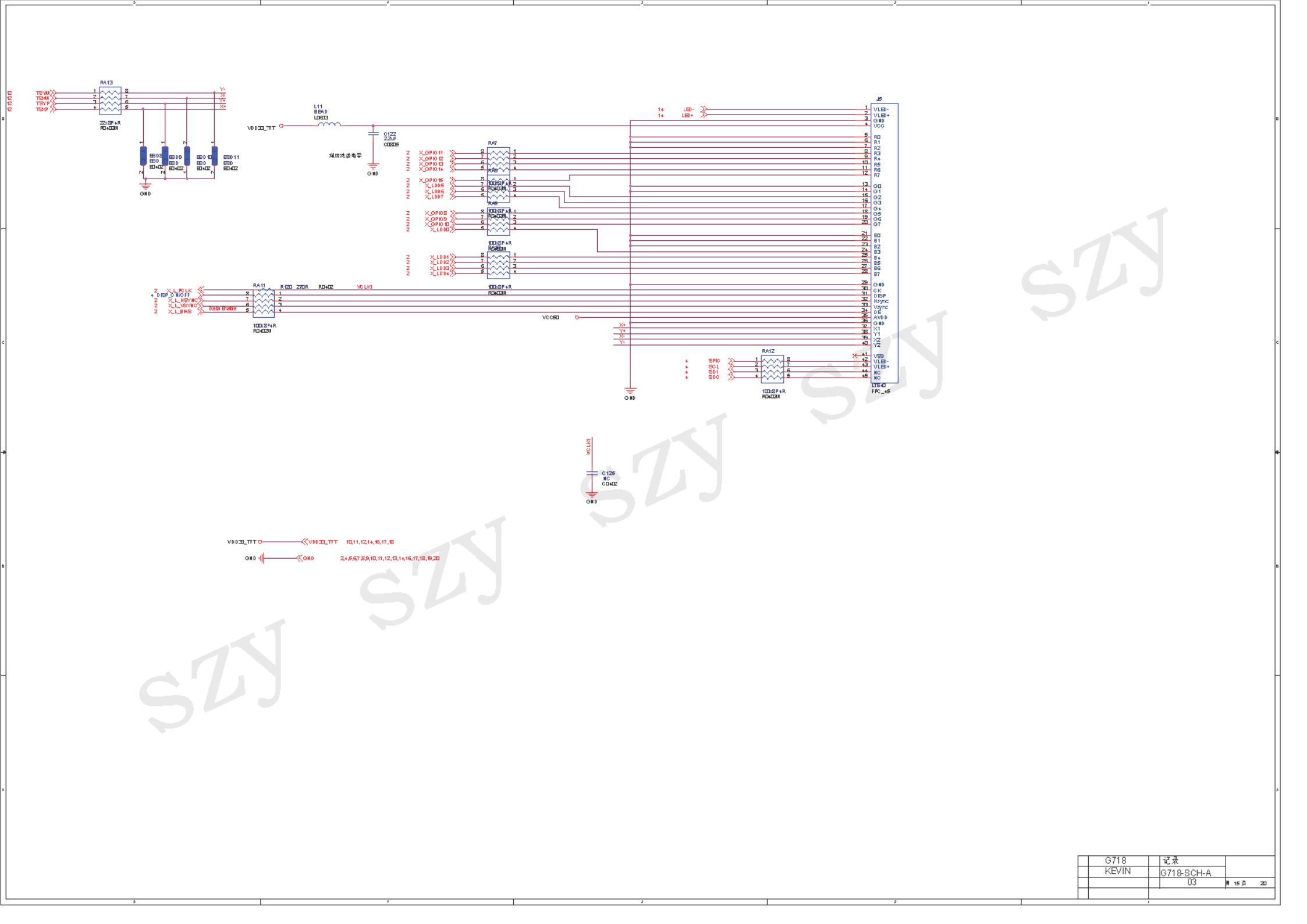
	KEVIN	G718-SCH-A	
		03	第 12 页 20

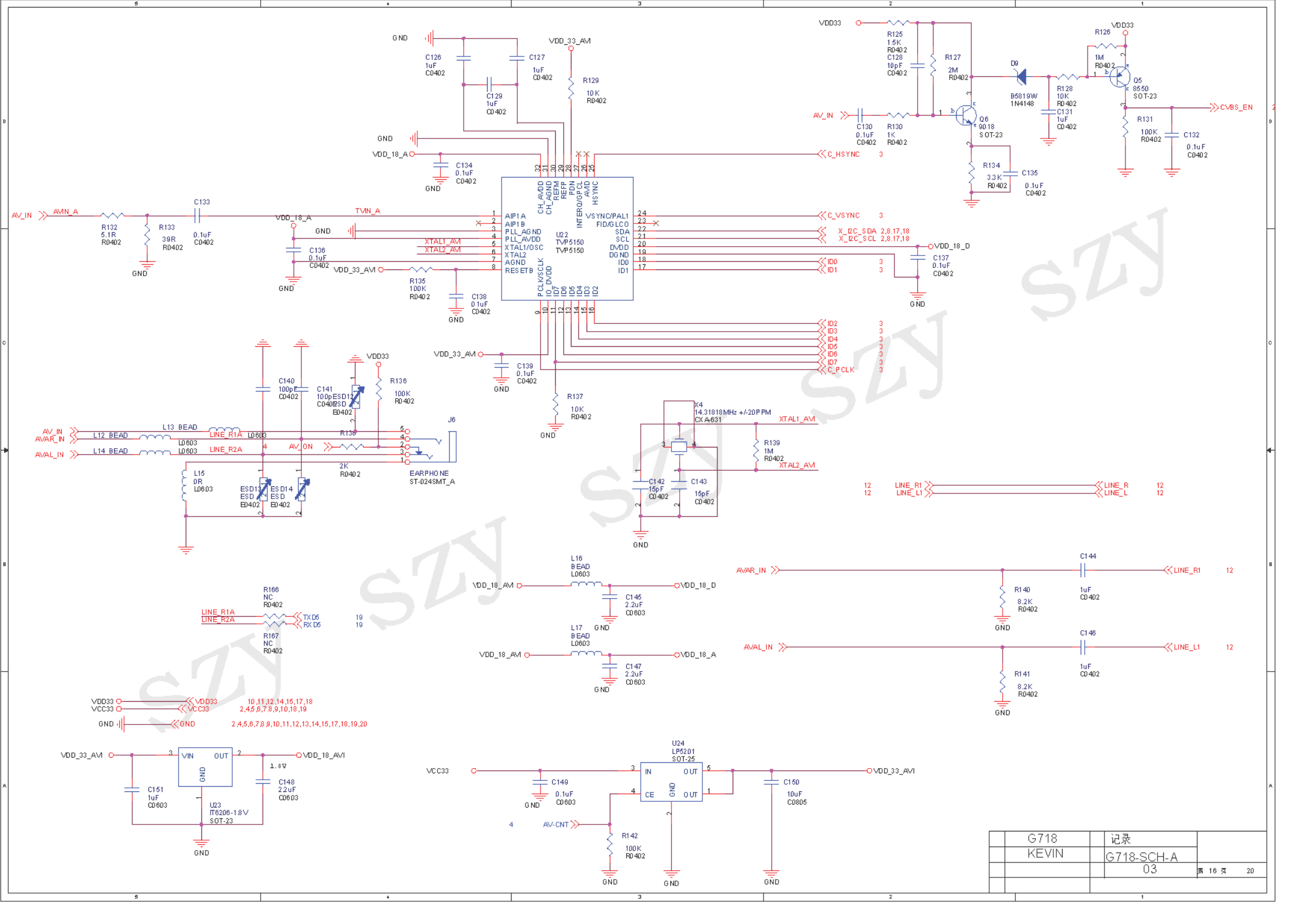


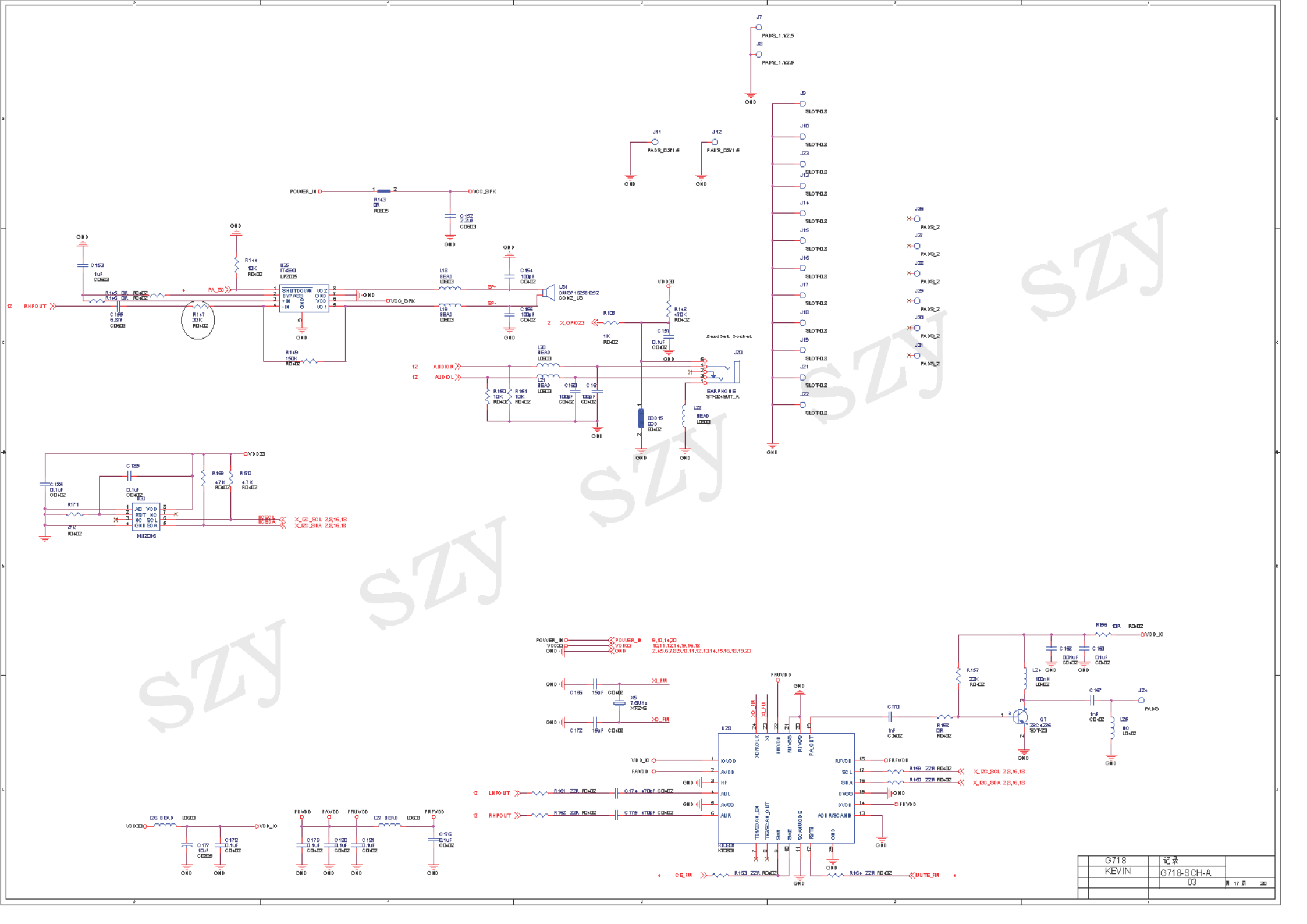
	G718	记录	
	KEVIN	G718-SCH-A	
		03	第 13 页 20

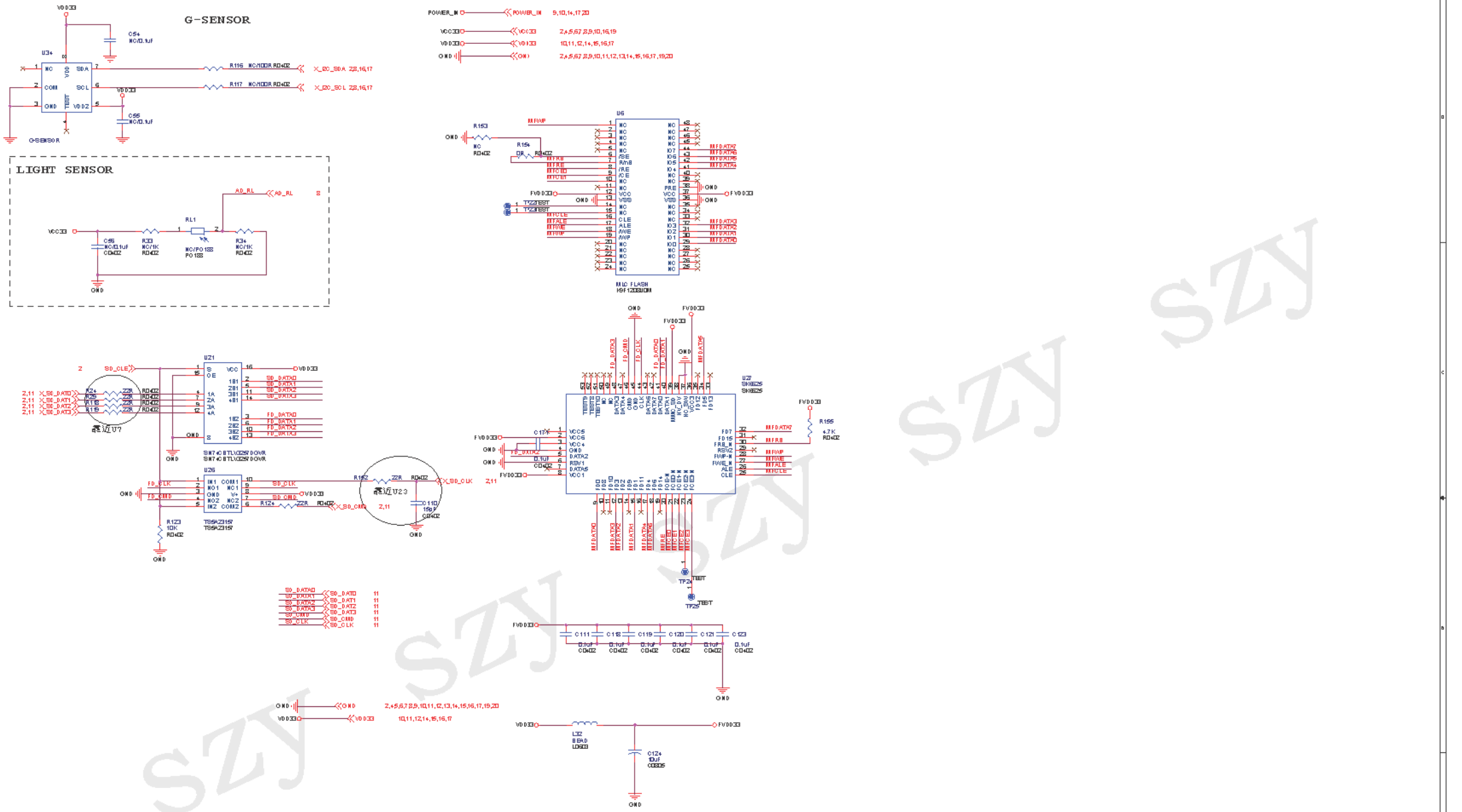

C112靠近U18
C112
1uF
C0603
VDD33_TFT
VIN
CP
CN
Vout
SHDN
GND
VCC50
C113
2.2uF
C0603
U18
LP3110
SOT-26
C114
2.2uF
C0603
C209
0.1uF
C0402
L10
22uH
7E03TA
D7
1N5819
LED_SW
LED+
15
R106
POWER_IN
0R
R0805
EC10
10uF
C0805
C115
2.2uF/25V
C1206
C116
0.22uF
C0603
TP9
R107
TEST
LCD BIAS_ON
10K
R0402
R109
10K
R0402
U19
ITD1045
SOT-26
R108
2K
R0402
R110
5.1R
R0402
R111
15R
R0402
LED-
R112
R113
56K R0402
X_GPIO7
5.6K
R0402
C117
0.1uF
C0402
背光闪动修改
VDD33
VDD33_TFT
GND
VDD33
VDD33_TFT
POWER_IN
2,4,5,6,7,8,9,10,11,12,13,15,16,17,18,19,20
10,11,12,15,16,17,18
10,11,12,15,16,17,18
9,10,17,20
G718
KEVIN
记录
G718-SCH-A
03
第 14 页
20



G718		记录	
KEVIN		G718-SCH-A	
		03	共 15 页 第 2D


U22
TVP5150
TVP5150
U23
IT6206-1.8V
SOT-23
U24
LP5201
SOT-25
J6
EARPHONE
ST-024SMT_A
G718
KEVIN
记录
G718-SCH-A
03
第 16 页 20


J7
PADS_1.V2.5
J8
PADS_1.V2.5
GND
J9
SLOT0.8
J10
SLOT0.8
J23
SLOT0.8
J13
SLOT0.8
J14
SLOT0.8
J15
SLOT0.8
J16
SLOT0.8
J17
SLOT0.8
J18
SLOT0.8
J19
SLOT0.8
J21
SLOT0.8
J22
SLOT0.8
J11
PADS_0.8*1.5
J12
PADS_0.8*1.5
J25
PADS_2
J27
PADS_2
J28
PADS_2
J29
PADS_2
J30
PADS_2
J31
PADS_2
POWER_IN
R143
0R
0402
VCC_SPK
C152
2.2uF
0603
C153
1uF
0603
R144
10K
0402
U25
ITS90
LFX205
SHUTDOWN
BYPASS
+IN
-IN
VO2
GND
VDD
VO1
PA_SD
C154
100pF
0402
C156
100pF
0402
L18
BEAD
0603
L19
BEAD
0603
SP+
SP-
LS1
DMSP1625B-052
CONN_LS
R145 0R 0402
R146 0R 0402
C155
6.8nF
0603
R147
33K
0402
R149
162K
0402
RHPOUT
VDD33
R148
47OK
0402
R105
1K
0402
X_GPIO23
C151
0.1uF
0402
Headset Socket
J20
AUDIOR
AUDIOL
L20
BEAD
0603
L21
BEAD
0603
R150
10K
0402
R151
10K
0402
C160
100pF
0402
C161
100pF
0402
EARPHONE
ST-024SMT_A
L22
BEAD
0603
EBD 15
EBD
0402
C135
0.1uF
0402
R169
4.7K
0402
R170
4.7K
0402
R171
47K
0402
U30
AD VDD
RST NC
NC SCL
GND SDA
DM2016
SCL
SDA
X_I2C_SCL 2,8,16,18
X_I2C_SDA 2,8,16,18
POWER_IN
VDD33
GND
5,10,14,20
10,11,12,14,15,16,18
2,4,5,6,7,8,9,10,11,12,13,14,15,16,18,19,20
C165
15pF
0402
C172
15pF
0402
X5
7.6MHz
XTAL6
X1_FM
XO_FM
U28
XO/RCLK
XI
FAVDD
FMVSS
PA_OUT
IOVDD
AVDD
HF
AUL
AVSS
AUR
TEST/SCAN_EN
TEST/SCAN_OUT
SDA
SCL
ADDR/SCANEN
RSTB
RFVDD
DVSS
DVDD
FRFVDD
FDVDD
C170
1nF
0402
R157
22K
0402
L24
100nH
0402
C162
0.1uF
0402
C163
0.1uF
0402
C167
1nF
0402
J24
PADS
L25
NC
0402
Q7
2SC4226
SOT-23
R156 0R 0402
VDD_IO
R159 22R 0402
R160 22R 0402
X_I2C_SCL 2,8,16,18
X_I2C_SDA 2,8,16,18
R161 22R 0402
R162 22R 0402
C174 47pF 0402
C175 47pF 0402
LHPOUT
RHPOUT
R163 22R 0402
R164 22R 0402
CE_FM
MUTE_FM
L26 BEAD 0603
C177
10uF
0805
C178
0.1uF
0402
L27 BEAD 0603
C179
0.1uF
0402
C180
0.1uF
0402
C181
0.1uF
0402
C176
0.1uF
0402
G718
KEVIN
G718-SCH-A
03
17
20



G718	记录	
KEVIN	G718-SCH-A	
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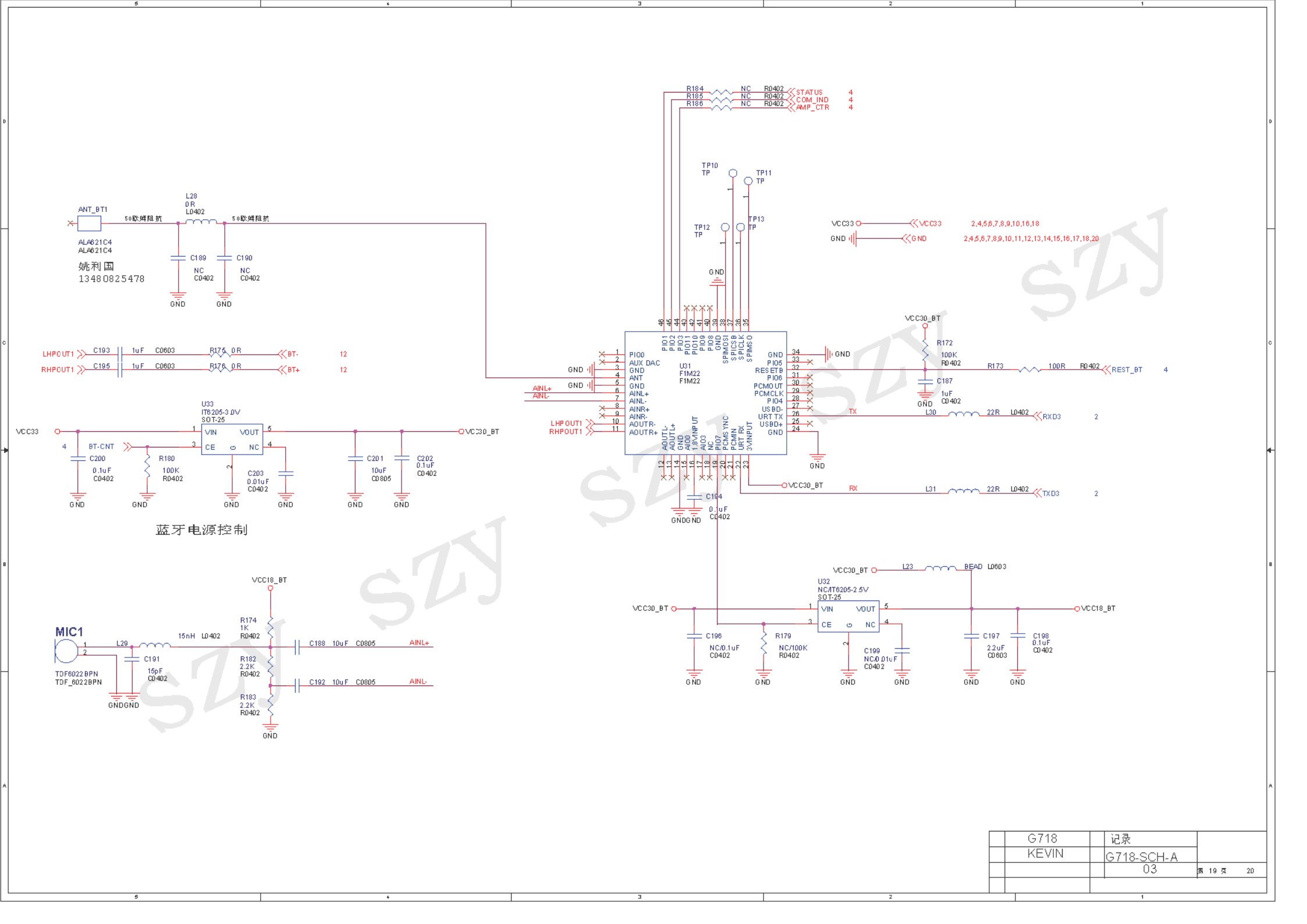

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	KEVIN	G718-SCH-A	
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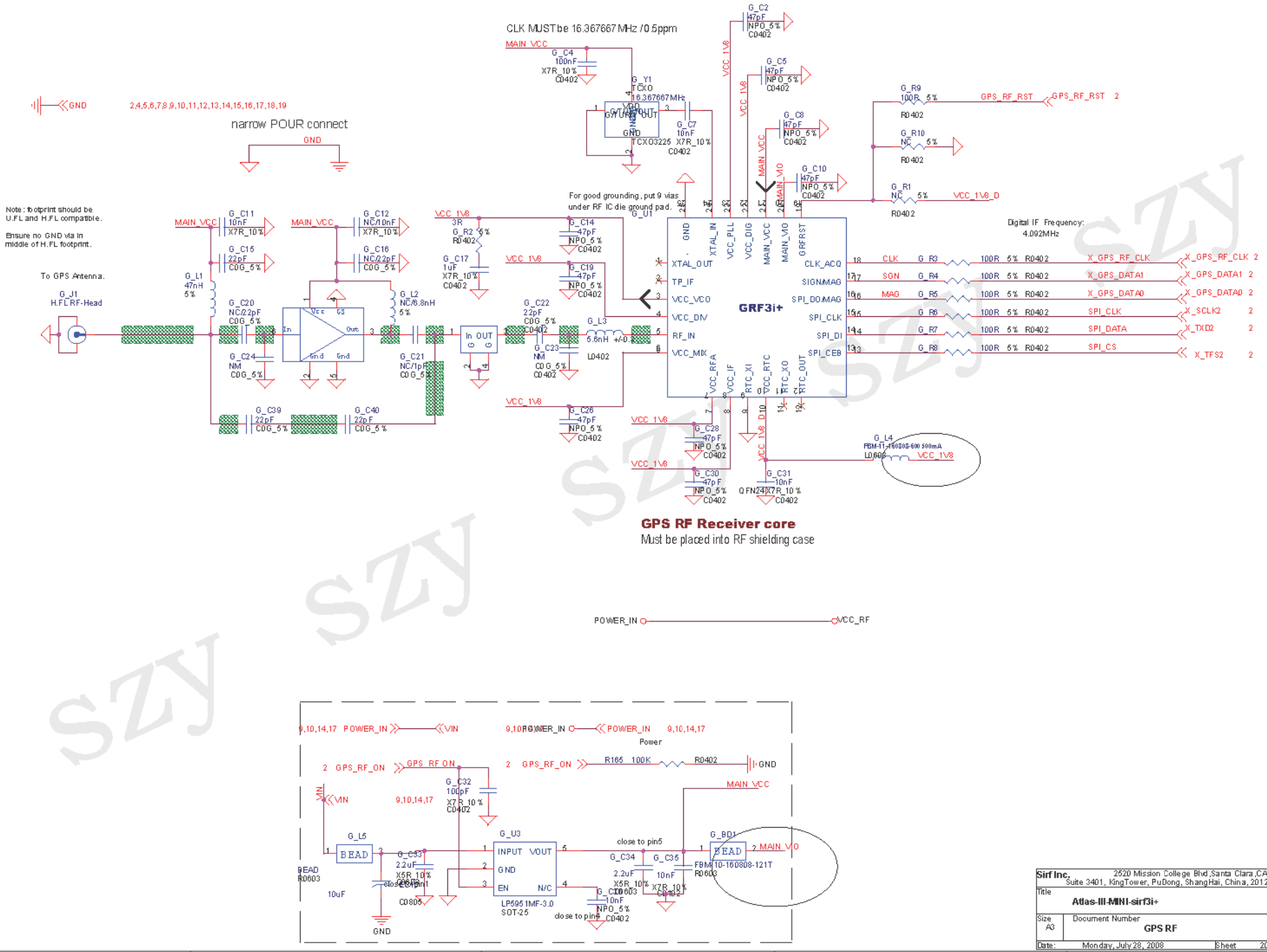

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