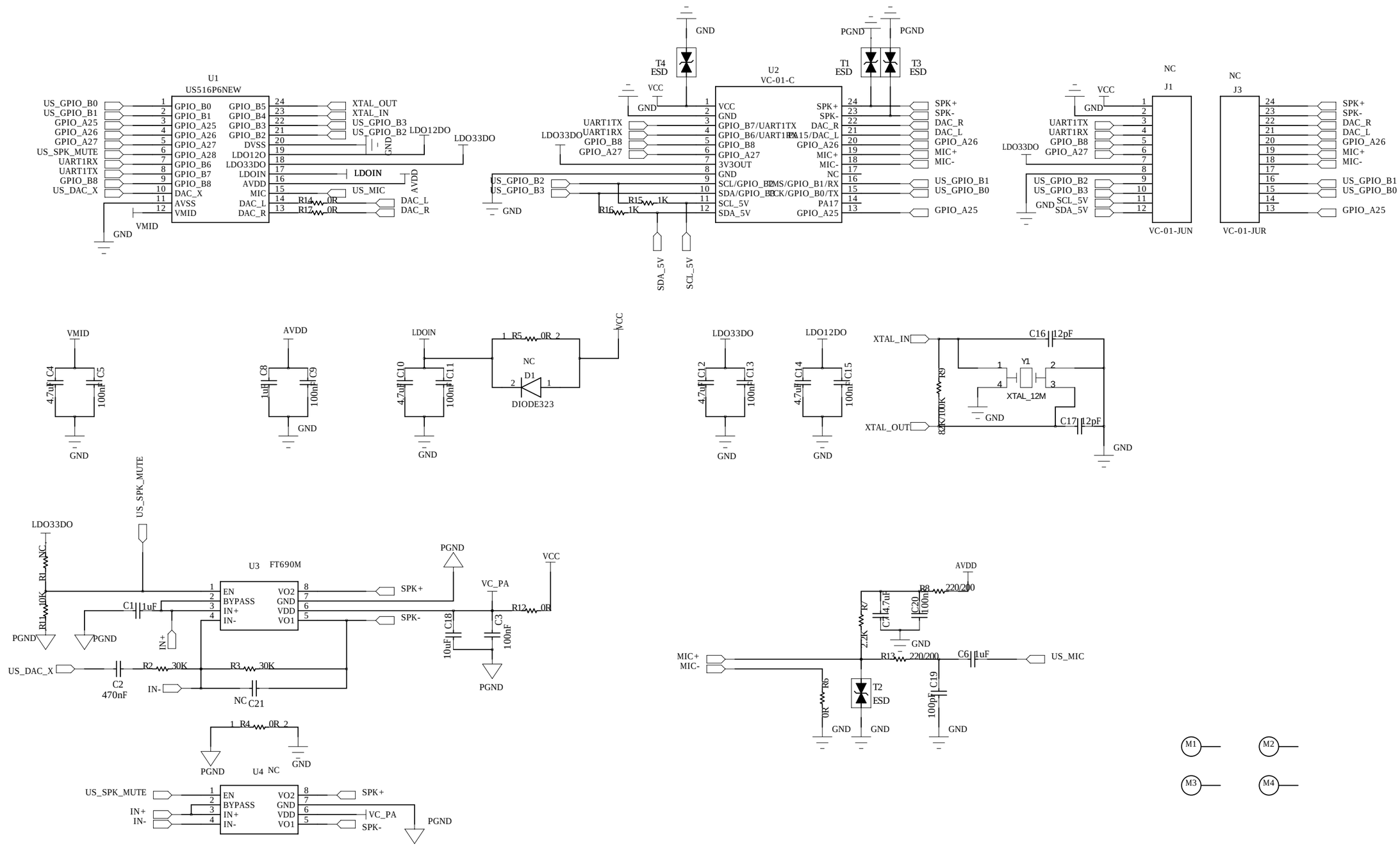
U1
US516P6NEW
GPIO_B0
GPIO_B1
GPIO_A25
GPIO_A26
GPIO_A27
GPIO_A27
GPIO_A28
GPIO_B6
GPIO_B7
GPIO_B8
DAC_X
AVSS
VMID
GPIO_B5
GPIO_B4
GPIO_B3
GPIO_B2
DVSS
LDO12O
LDO33DO
LDOIN
AVDD
MIC
DAC_L
DAC_R
US_SPK_MUTE
UART1RX
UART1TX
US_DAC_X
XTAL_OUT
XTAL_IN
US_GPIO_B3
US_GPIO_B2
LDO12DO
LDO33DO
LDOIN
US_MIC
R14 0R
R17 0R
DAC_L
DAC_R
GND
VMID
AVDD
U2
VC-01-C
VCC
GND
GPIO_B7/UART1TX
GPIO_B6/UART1RX
GPIO_B8
GPIO_A27
3V3OUT
GND
SCL/GPIO_B2
SDA/GPIO_B3
SCL_5V
SDA_5V
SPK+
SPK-
DAC_R
DAC_L
GPIO_A26
MIC+
MIC-
NC
TMS/GPIO_B1/RX
TCK/GPIO_B0/TX
PA17
GPIO_A25
UART1TX
UART1RX
GPIO_B8
GPIO_A27
LDO33DO
US_GPIO_B2
US_GPIO_B3
R15 1K
R16 1K
SDA_5V
SCL_5V
T4
ESD
T1
ESD
T3
ESD
PGND
NC
J1
VC-01-JUN
NC
J3
VC-01-JUR
VMID
4.7uF C4
100nF C5
AVDD
1uF C8
100nF C9
LDOIN
4.7uF C10
100nF C11
R5 0R
NC
D1
DIODE323
VCC
LDO33DO
4.7uF C12
100nF C13
LDO12DO
4.7uF C14
100nF C15
XTAL_IN
XTAL_OUT
C16 12pF
Y1
XTAL_12M
R9 100K
R8 82K
C17 12pF
US_SPK_MUTE
LDO33DO
NC
R1 10K
R11 10K
PGND
U3 FT690M
EN
BYPASS
IN+
IN-
VO2
GND
VDD
VO1
SPK+
SPK-
C1 1uF
IN+
VC_PA
R12 0R
C18 10uF
C3 100nF
US_DAC_X
C2 470nF
R2 30K
R3 30K
IN-
NC C21
R4 0R
U4 NC
US_SPK_MUTE
IN+
IN-
VC_PA
AVDD
R7 2.2K
C7 4.7uF
C20 100nF
R8 220/200
MIC+
MIC-
R13 220/200
C6 1uF
US_MIC
R6 0R
T2
ESD
C19 100pF
M1
M2
M3
M4