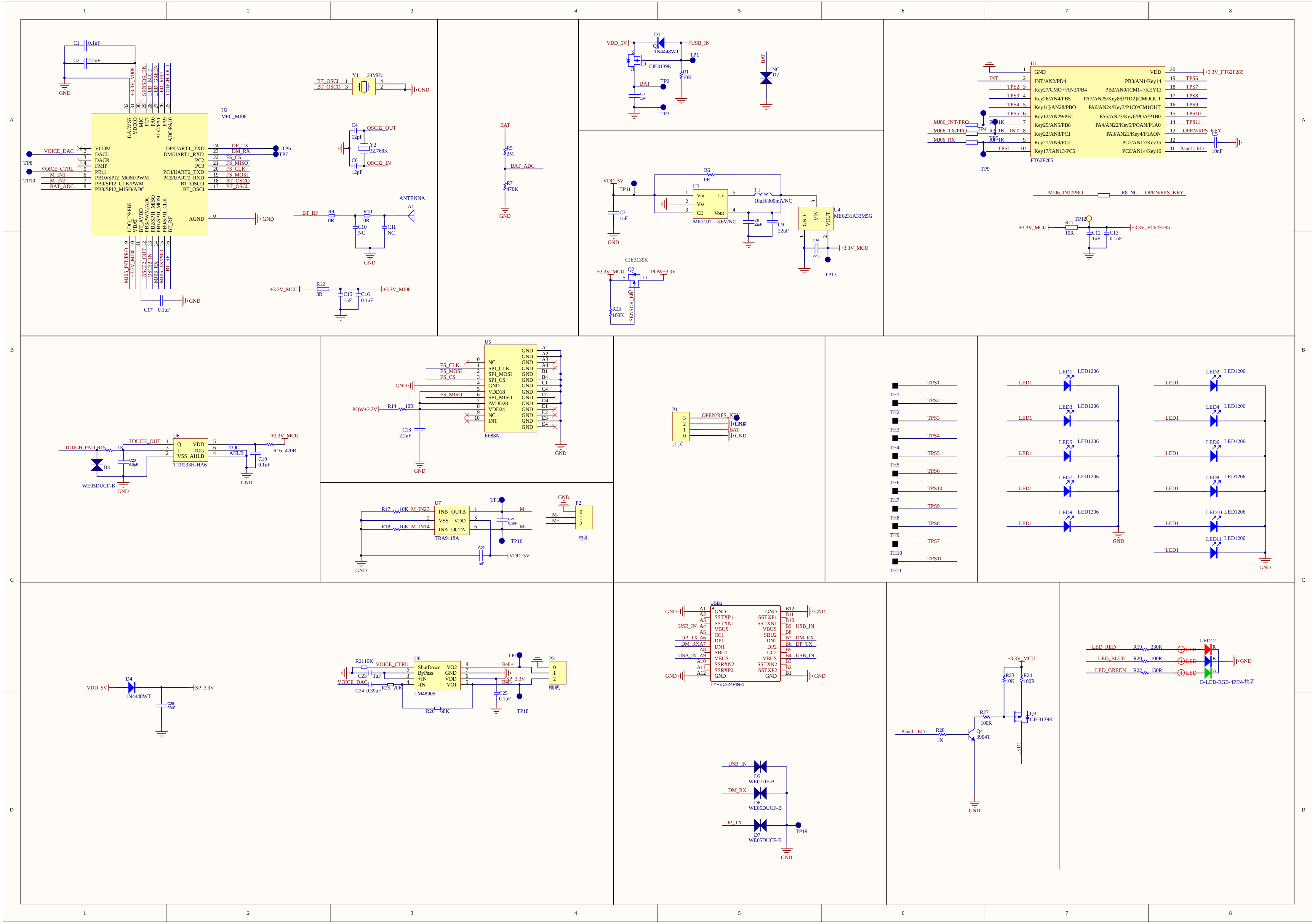
1
2
3
4
5
6
7
8
A
B
C
D
C1 0.1uF
C2 2.2uF
GND
+3.3V_MJ08
SENSOR_EN
LED_BLUE
LED_GREEN
LED_RED
TOUCH_OUT
U2
MFC_MJ08
DACVSS
VDDIO
MIC
PC7
PA0
ADC/PA1
PA9
ADC/PA10
VOICE_DAC
TP8
VOICE_CTRL
TP10
M_IN1
M_IN2
BAT_ADC
VCOM
DACL
DACR
FMIP
PB11
PB10/SPI2_MOSI/PWM
PB9/SPI2_CLK/PWM
PB8/SPI2_MISO/ADC
DP/UART1_TXD
DM/UART1_RXD
PC2
PC3
PC4/UART2_TXD
PC5/UART2_RXD
BT_OSCO
BT_OSCI
DP_TX
DM_RX
FS_CS
FS_MISO
FS_CLK
FS_MOSI
BT_OSCO
BT_OSCI
TP6
TP7
AGND
LDO_IN/PB5
VBAT
BT_AVDD
PB3/PWM/ADC
PB2/SPI1_MISO
PB1/SPI1_MOSI
PB0/SPI1_CLK
BT_RF
MJ06_INT/PRO
+3.3V_MJ08
OSC32_OUT
OSC32_IN
M106_RX
MJ06_TX/PRO
BT_RF
C17 0.1uF
GND
BT_OSCI
BT_OSCO
Y1 24MHz
GND
C4 12pF
OSC32_OUT
Y2 32.768K
C6 12pF
OSC32_IN
ANTENNA
A1
BT_RF
R9 0R
R10 0R
C10 NC
C11 NC
GND
R12 3R
+3.3V_MCU
C15 1uF
C16 0.1uF
+3.3V_MJ08
BAT
R5 2M
BAT_ADC
R7 470K
GND
VDD_5V
D1 1N4448WT
USB_IN
Q1
CJE3139K
TP1
R1 10K
BAT
TP2
C3 1uF
TP3
BAT
NC D2
R6 0R
VDD_5V
TP11
U3
Vin
Vss
CE
Lx
Vout
L1 10uH/300mA/NC
ME3107---3.6V/NC
C7 1uF
GND
C8 22uF
C9 22uF
U4 ME6231A33M5G
GND
VIN
VOUT
C14 22uF
+3.3V_MCU
TP13
CJE3139K
+3.3V_MCU
Q2
POW+3.3V
SENSOR_EN
R13 100K
U1
GND
INT/AN2/PD4
Key27/CMO+/AN3/PB4
Key26/AN4/PB5
Key11J/AN28/PB0
Key12/AN29/PB1
Key25/AN5/PB6
Key22/AN8/PC1
Key21/AN9/PC2
Key17/IAN13/PC5
VDD
PB3/AN1/Key14
PB2/AN0/[CM1-]/KEY13
PA7/AN25/Key8/[P1D2]/CMOOUT
PA6/AN24/Key7/P1CON/CM1OUT
PA5/AN23/Key6/POA/P1B0
PA4/AN22/Key5/POAN/P1A0
PA3/AN21/Key4/P1AON
PC7/AN17/Key15
PC6/AN14/Key16
FT62F285
INT
TPS2
TPS3
TPS4
TPS5
TPS1
MJ06_INT/PRO
MJ06_TX/PRO
MJ06_RX
R3 1K
R2 1K
R4 1K
TP4
TP9
+3.3V_FT62F285
TPS6
TPS7
TPS8
TPS9
TPS10
TPS11
OPEN/RFS_KEY
C5 10nF
Panel LED
MJ06_INT/PRO
R8 NC
OPEN/RFS_KEY
+3.3V_MCU
R11 10R
TP12
C12 1uF
C13 0.1uF
+3.3V_FT62F285
U5
NC
SPI_CLK
SPI_MOSI
SPI_CS
GND
VDD18
SPI_MISO
AVDD28
VDD24
NC
INT
FS_CLK
FS_MOSI
FS_CS
GND
FS_MISO
POW+3.3V
R14 10R
C18 2.2uF
GND
E088N
A1
A2
A3
A4
B1
B4
C1
C4
D1
D4
E1
E2
E3
E4
GND
TOUCH_PAD
R15 1K
TOUCH_OUT
U6
Q
I
VSS
VDD
TOG
AHLB
TOG
AHLB
+3.3V_MCU
R16 470R
C20 6.8pF
C19 0.1uF
D3
WE05DUCF-B
GND
TTP233H-HA6
P1
开关
OPEN/RFS_KEY
TP5
BAT
GND
TH1
TH2
TH3
TH4
TH5
TH6
TH7
TH8
TH9
TH10
TH11
TPS1
TPS2
TPS3
TPS4
TPS5
TPS6
TPS10
TPS9
TPS8
TPS7
TPS11
LED1
LED1 LED1206
LED2 LED1206
LED3 LED1206
LED4 LED1206
LED5 LED1206
LED6 LED1206
LED7 LED1206
LED8 LED1206
LED9 LED1206
LED10 LED1206
LED11 LED1206
GND
R17 10K
M_IN23
R18 10K
M_IN14
U7
INB
VSS
INA
OUTB
VDD
OUTA
TRA9118A
TP15
M+
C21 0.1uF
M-
TP16
C22 1uF
VDD_5V
GND
P2
电机
M-
M+
D4
VDD_5V
1N4448WT
SP_3.3V
C26 22uF
R21 10K
VOICE_CTRL
C23 1uF
VOICE_DAC
C24 0.39uF
R25 20K
U8
ShutDown
ByPass
+IN
-IN
VO2
GND
VDD
VO1
LM4890S
R26 68K
TP17
Bell+
SP_3.3V
Bell-
C25 0.1uF
TP18
P3
喇叭
USB1
GND
SSTXP1
SSTXN1
VBUS
CC1
DP1
DN1
SBU1
VBUS
SSRXN2
SSRXP2
GND
GND
SSTXP1
SSTXN1
VBUS
SBU2
DN2
DP2
CC2
VBUS
SSTXN2
SSTXP2
GND
USB_IN
DP_TX
DM_RX
USB_IN
USB_IN
DM_RX
DP_TX
USB_IN
GND
TYPEC-24PIN-1
USB_IN
D5
WE07DF-B
DM_RX
D6
WE05DUCF-B
DP_TX
D7
WE05DUCF-B
TP19
GND
+3.3V_MCU
R23 10K
R24 100R
Q3
CJE3139K
R27 100R
Panel LED
R28 1K
Q4 3904T
LED1
GND
LED_RED
R19 330R
LED_BLUE
R20 100R
LED_GREEN
R22 150R
LED
LED12
R
B
G
GND
D-LED-RGB-4PIN-共阴