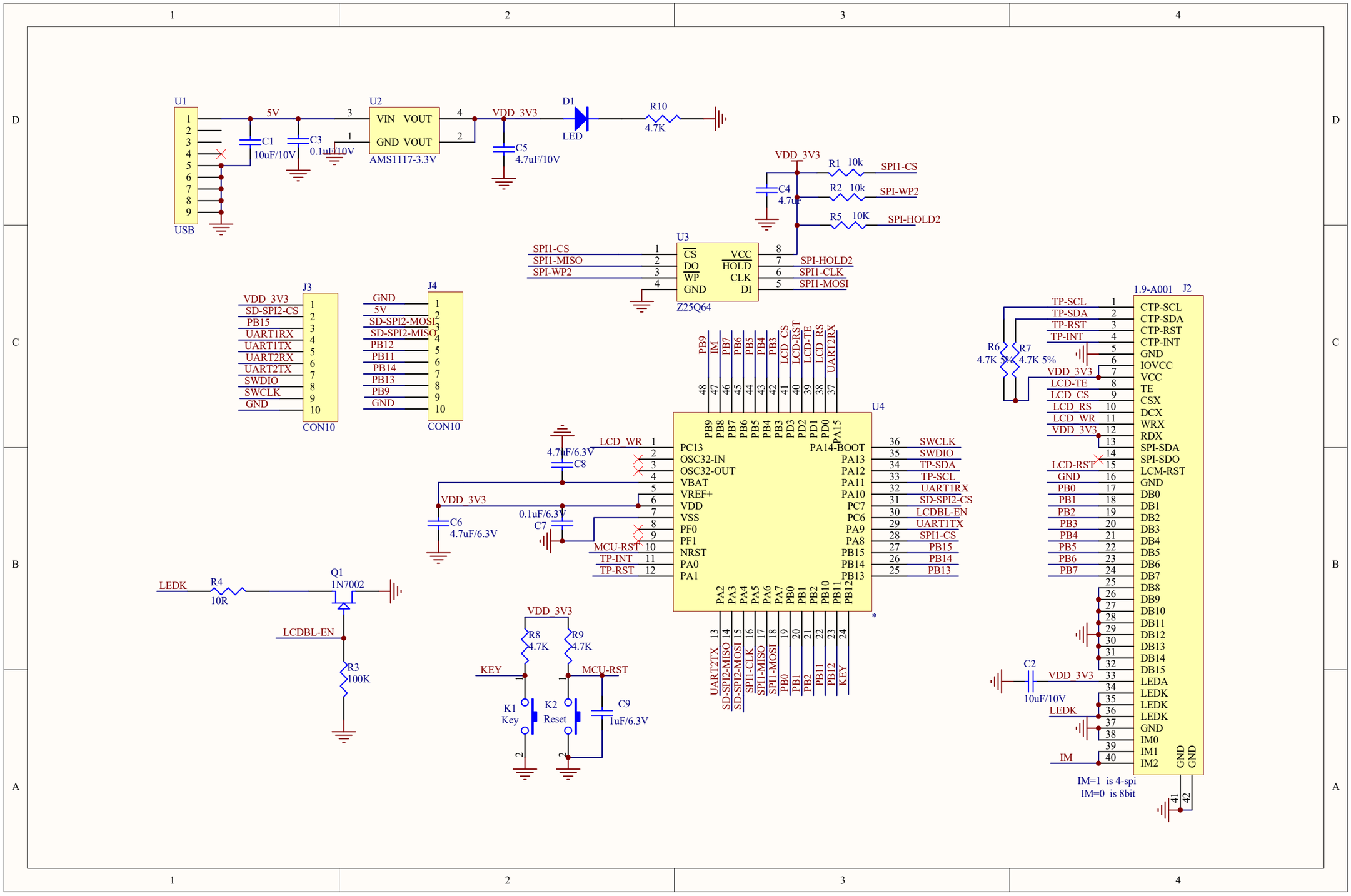
U1
USB
5V
C1
10uF/10V
C3
0.1uF/10V
U2
VIN VOUT
GND VOUT
AMS1117-3.3V
VDD_3V3
C5
4.7uF/10V
D1
LED
R10
4.7K
VDD_3V3
C4
4.7uF
R1 10k SPI1-CS
R2 10k SPI-WP2
R5 10K SPI-HOLD2
U3
SPI1-CS
SPI1-MISO
SPI-WP2
CS
DO
WP
GND
VCC
HOLD
CLK
DI
SPI-HOLD2
SPI1-CLK
SPI1-MOSI
Z25Q64
J3
VDD_3V3
SD-SPI2-CS
PB15
UART1RX
UART1TX
UART2RX
UART2TX
SWDIO
SWCLK
GND
CON10
J4
GND
5V
SD-SPI2-MOSI
SD-SPI2-MISO
PB12
PB11
PB14
PB13
PB9
GND
CON10
U4
PC13
OSC32-IN
OSC32-OUT
VBAT
VREF+
VDD
VSS
PF0
PF1
NRST
PA0
PA1
PA14-BOOT
PA13
PA12
PA11
PA10
PC7
PC6
PA9
PA8
PB15
PB14
PB13
LCD_WR
4.7uF/6.3V
C8
VDD_3V3
C6
4.7uF/6.3V
0.1uF/6.3V
C7
MCU-RST
TP-INT
TP-RST
SWCLK
SWDIO
TP-SDA
TP-SCL
UART1RX
SD-SPI2-CS
LCDBL-EN
UART1TX
SPI1-CS
PB15
PB14
PB13
PB9 IM PB7 PB6 PB5 PB4 PB3 LCD_CS LCD-RST LCD-TE LCD_RS UART2RX
PA15 PD0 PD1 PD2 PD3 PB3 PB4 PB5 PB6 PB7 PB8 PB9
PA2 PA3 PA4 PA5 PA6 PA7 PB0 PB1 PB2 PB10 PB11 PB12
UART2TX SD-SPI2-MISO SD-SPI2-MOSI SPI1-CLK SPI1-MISO SPI1-MOSI PB0 PB1 PB2 PB11 PB12 KEY
LEDK
R4
10R
Q1
1N7002
LCDBL-EN
R3
100K
VDD_3V3
R8
4.7K
R9
4.7K
KEY
MCU-RST
K1
Key
K2
Reset
C9
1uF/6.3V
1.9-A001 J2
TP-SCL
TP-SDA
TP-RST
TP-INT
R6
4.7K 5%
R7
4.7K 5%
VDD_3V3
LCD-TE
LCD_CS
LCD_RS
LCD_WR
VDD_3V3
LCD-RST
GND
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
CTP-SCL
CTP-SDA
CTP-RST
CTP-INT
GND
IOVCC
VCC
TE
CSX
DCX
WRX
RDX
SPI-SDA
SPI-SDO
LCM-RST
GND
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
DB8
DB9
DB10
DB11
DB12
DB13
DB14
DB15
LEDA
LEDK
LEDK
LEDK
GND
IM0
IM1
IM2
GND
GND
C2
10uF/10V
VDD_3V3
LEDK
IM
IM=1 is 4-spi
IM=0 is 8bit