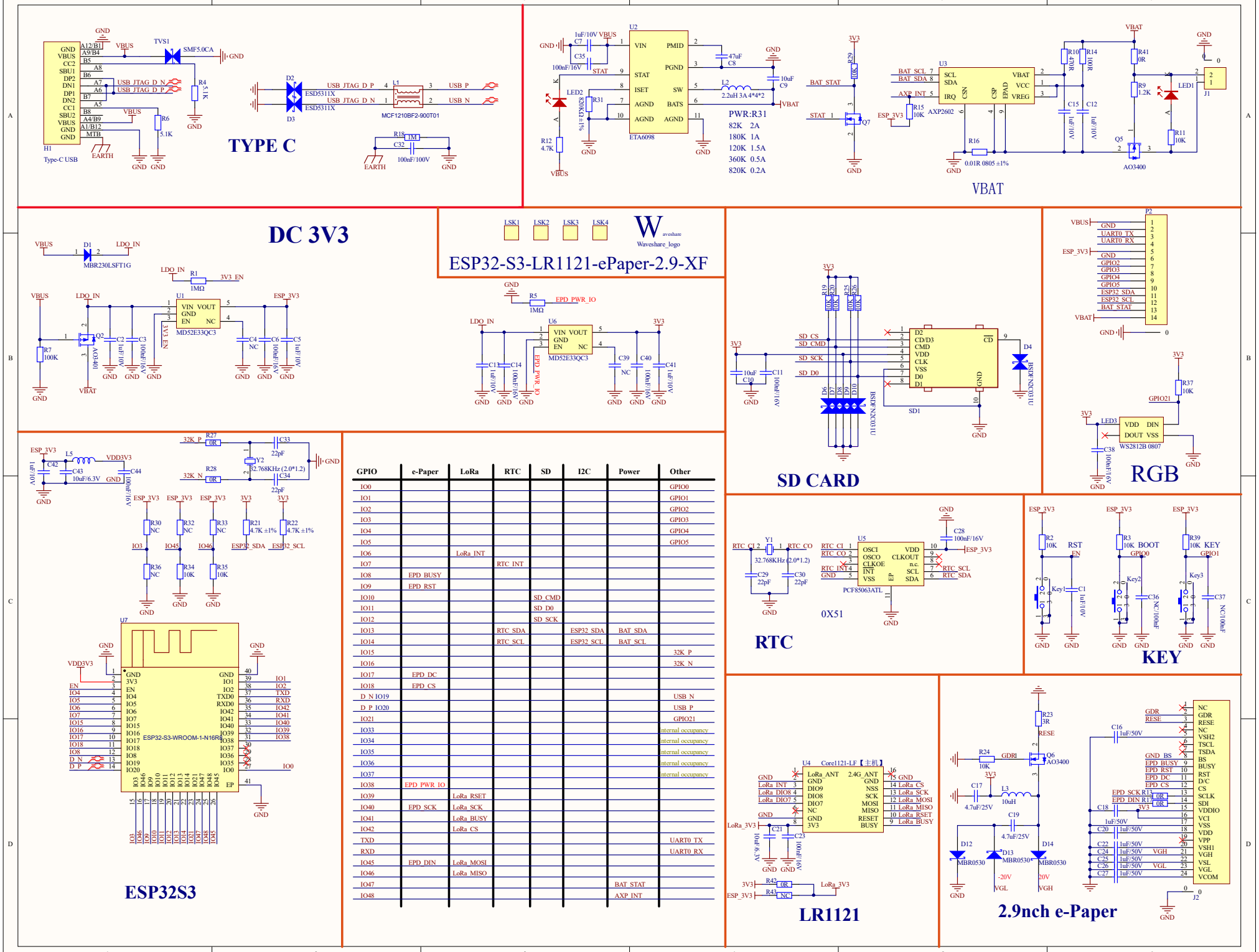
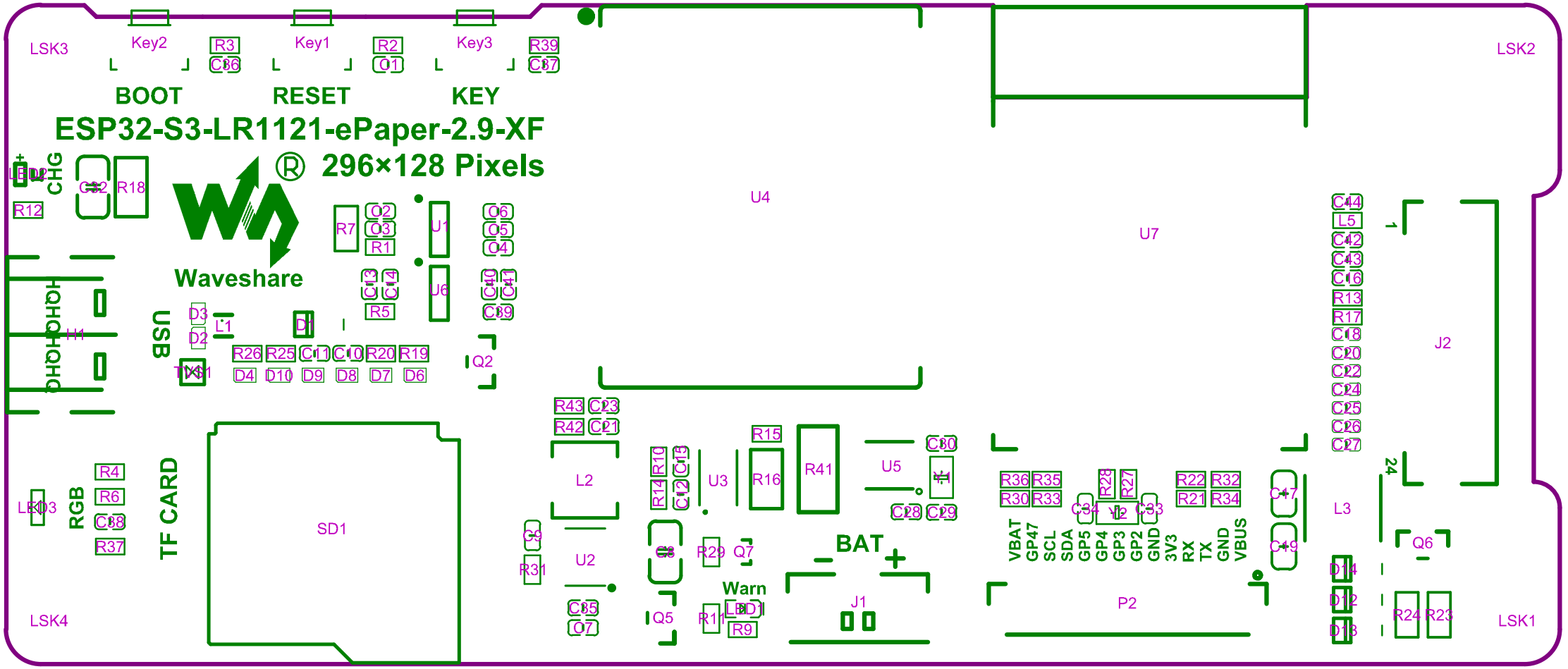


GPIO	e-Paper	LoRa	RTC	SD	I2C	Power	Other
IO0							GPIO0
IO1							GPIO1
IO2							GPIO2
IO3							GPIO3
IO4							GPIO4
IO5							GPIO5
IO6		LoRa_INT					
IO7			RTC_INT				
IO8	EPD_BUSY						
IO9	EPD_RST						
IO10				SD_CMD			
IO11				SD_D0			
IO12				SD_SCK			
IO13			RTC_SDA		ESP32_SDA	BAT_SDA	
IO14			RTC_SCL		ESP32_SCL	BAT_SCL	
IO15							32K_P
IO16							32K_N
IO17	EPD_DC						
IO18	EPD_CS						
D_N IO19							USB_N
D_P IO20							USB_P
IO21							GPIO21
IO33							Internal occupancy
IO34							Internal occupancy
IO35							Internal occupancy
IO36							Internal occupancy
IO37							Internal occupancy
IO38	EPD_PWR_IO						
IO39		LoRa_RSET					
IO40	EPD_SCK	LoRa_SCK					
IO41		LoRa_BUSY					
IO42		LoRa_CS					
TXD							UART0_TX
RXD							UART0_RX
IO45	EPD_DIN	LoRa_MOSI					
IO46		LoRa_MISO					
IO47						BAT_STAT	
IO48						AXP_INT	


LSK3
Key2
R3
C36
Key1
R2
Q1
Key3
R39
C37
LSK2
BOOT
RESET
KEY
ESP32-S3-LR1121-ePaper-2.9-XF
296×128 Pixels
Waveshare
U4
U7
LED2
CHG
C32
R18
R12
U1
U6
Q2
Q3
Q4
Q5
Q6
R1
R5
R7
C13
C14
C40
C41
C39
D3
D2
L1
D1
USB
H4
TX1
RX1
R26
R25
C11
C10
R20
R19
D4
D10
D9
D8
D7
D6
R43
C23
R42
C21
L2
U2
C9
R31
C35
Q7
R10
R14
C12
C13
U3
R15
R16
R41
U5
C30
C28
C29
R29
R11
R9
LED1
Warn
BAT
J1
TF CARD
SD1
LED3
RGB
R4
R6
C38
R37
R36
R35
R30
R33
R28
R27
C34
C33
R22
R32
R21
R34
C47
C49
VBAT
GP47
SCL
SDA
GP5
GP4
GP3
GP2
GND
3V3
RX
TX
GND
VBUS
P2
C44
L5
C42
C43
C16
R13
R17
C18
C20
C22
C24
C25
C26
C27
J2
L3
Q6
D14
D12
D13
R24
R23
LSK4
LSK1