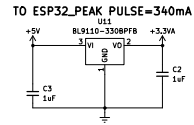
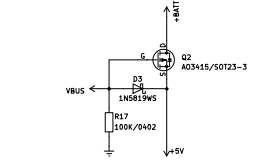
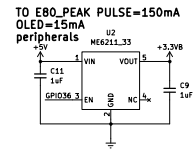


USB type-c

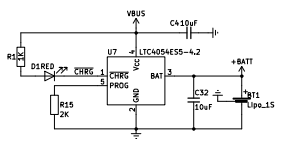


LDOA+LDOB

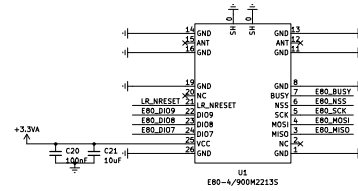


Power input switching

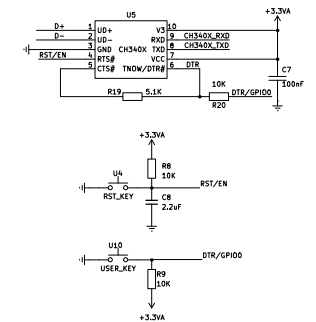
Charging complete yellow LED ON
Charge complete yellow LED OFF
R15-->Charge current
2K-500mA
If you use a computer to connect the type-c Interface,
the charging current setting cannot be greater than 500mA!



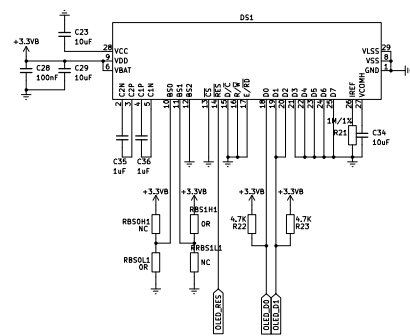
Battery charger+Detect



EBYTE LORA MODULE E80-4/90022135



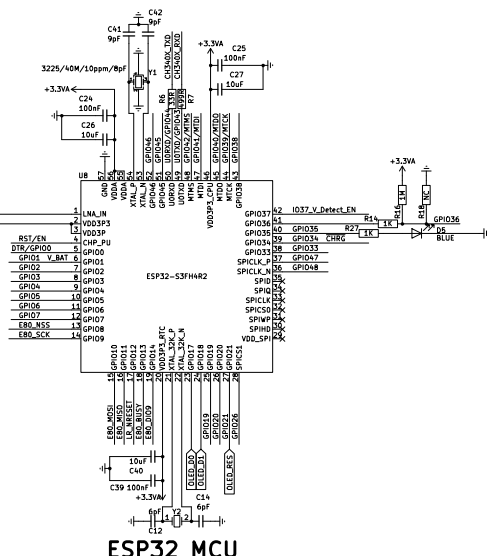
USB to Uart+AUTODownload



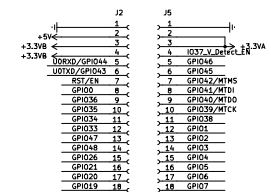
0.96 inch OLED

MODE	B50	B51	D0	D1	D2
IIC	0	1	PU	PU	PU
SPL_4	0	0	FL	FL	FL
SPL_3	1	0	FL	FL	FL

Peripheral and I/O mapping table				
Peripheral	Pin Name	Function	MCU IO	Function
Type-c USB	D+	USB Positive	IOA3	U0T4D
	D-	USB Negative	IOA4	U0T4D
Battery charger	V_BAT	Detect Battery Voltage	IO1	ADCL_CH0
	DTR/GPIOD0	Chip Select	IO8	Chip Select
	E80_MISO	SPI Clock	IO9	SPI Clock
	E80_MOSI	SPI MISO	IO10	SPI MISO
	E80_MISO	SPI MISO	IO11	SPI MISO
	LA_NRESET	Module Reset	IO12	Module Reset
	E80_DI09	Status Indicator	IO13	Status Indicator
	E80_DI09	Module IRQ	IO14	Module IRQ
	OLED_P0	HC SCL	IO17	HC SCL
	OLED_P1	HC SDIN	IO18	HC SDIN



ESP32 MCU



Connectors