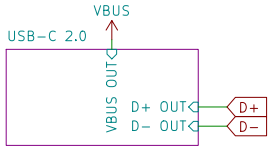
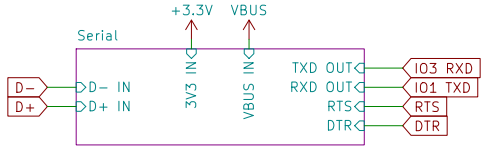
USB-C (2.0)



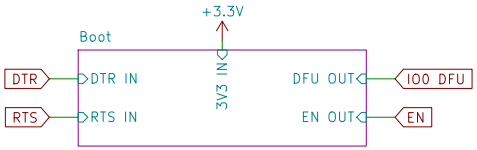
File: usb.kicad_sch

SERIAL



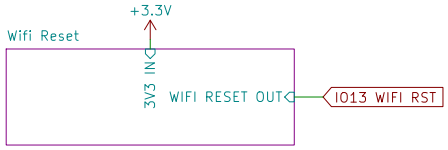
File: serial.kicad_sch

EN / BOOT



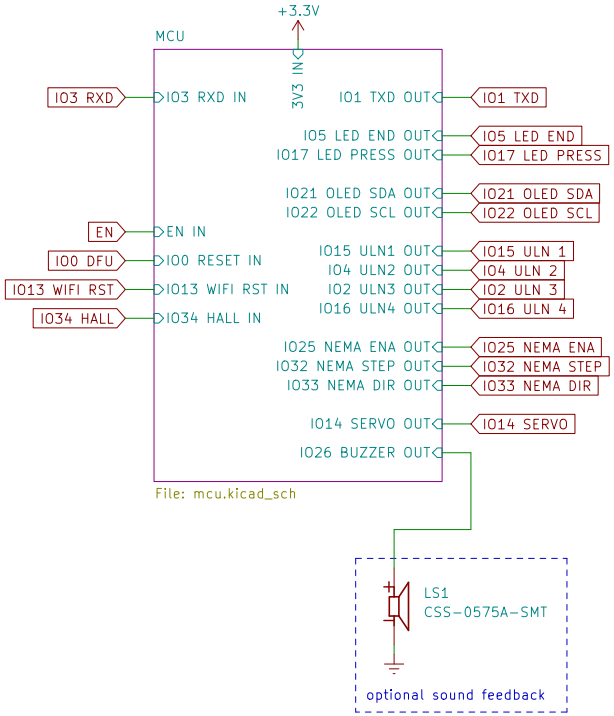
File: boot.kicad_sch

WIFI RESET



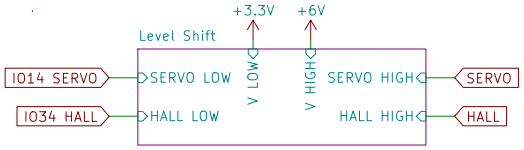
File: wifireset.kicad_sch

ESP32



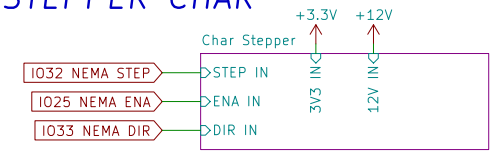
File: mcu.kicad_sch

LEVEL SHIFT



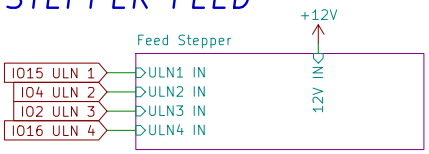
File: levelshift.kicad_sch

STEPPER CHAR



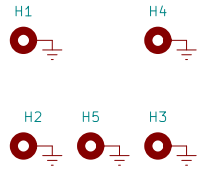
File: charstepper.kicad_sch

STEPPER FEED

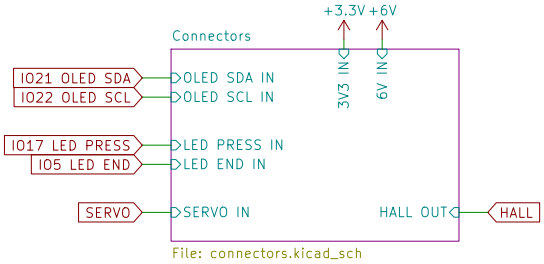


File: feedstepper.kicad_sch

PADS

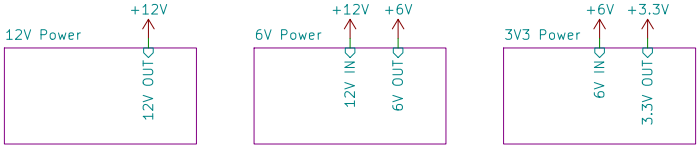


CONNECTORS



File: connectors.kicad_sch

POWER



File: power12v.kicad_sch
File: power6v.kicad_sch
File: power3v3.kicad_sch

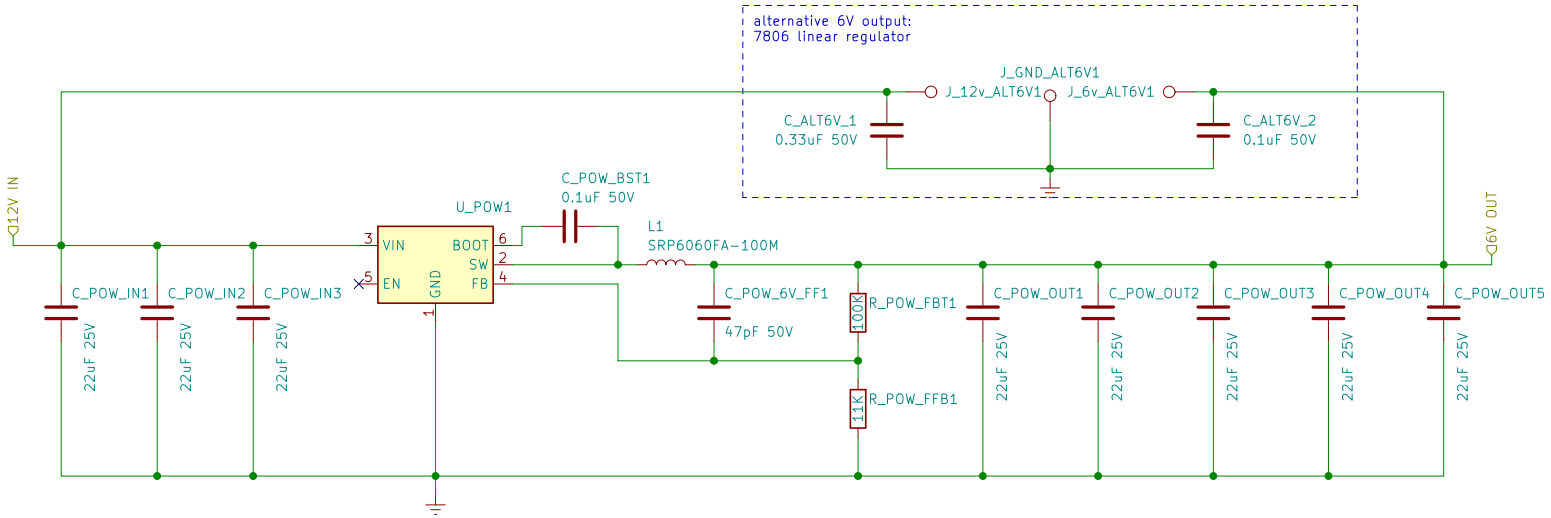
Andrei Speridiao

Sheet: /
File: e-tkt.kicad_sch

Title: E-TKT v1.0

Size: A4	Date: 2022-09-29	**Rev: 4**
KiCad E.D.A. kicad (6.0.6)		Id: 1/13

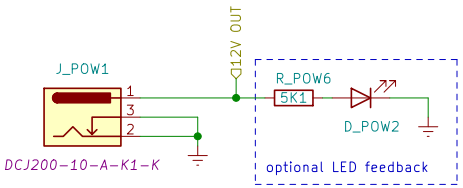
6V POWER
BUCK CONVERTER



Andrei Speridiao	
Sheet: /6V Power/	
File: power6v.kicad_sch	
Title: E-TKT v1.0	
Size: A4	Date: 2022-09-29
KiCad E.D.A. kicad (6.0.6)	Id: 2/13

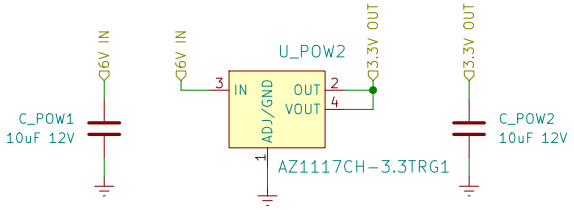
Rev: 4

12V POWER
+ LATCH SWITCH



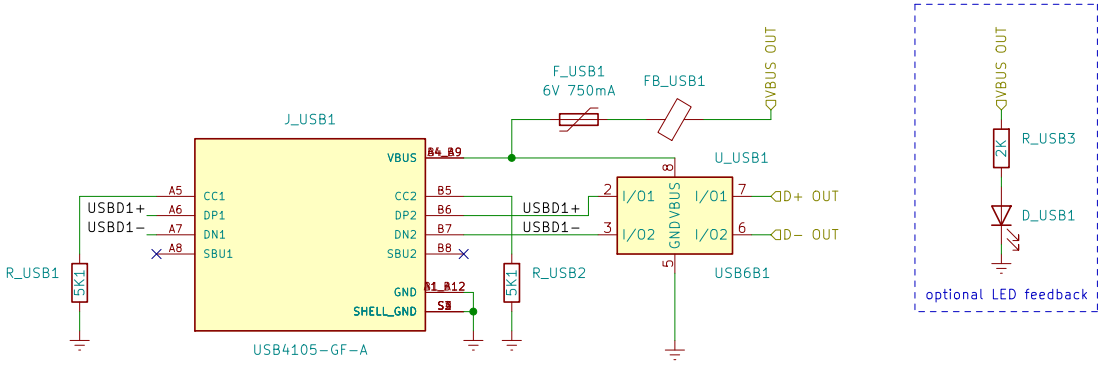
Andrei Speridiao		
Sheet: /12V Power/ File: power12v.kicad_sch		
Title: E-TKT v1.0		
Size: A4	Date: 2022-09-29	**Rev: 4**
KiCad E.D.A. kicad (6.0.6)		Id: 3/13

3.3V POWER
LINEAR REGULATOR



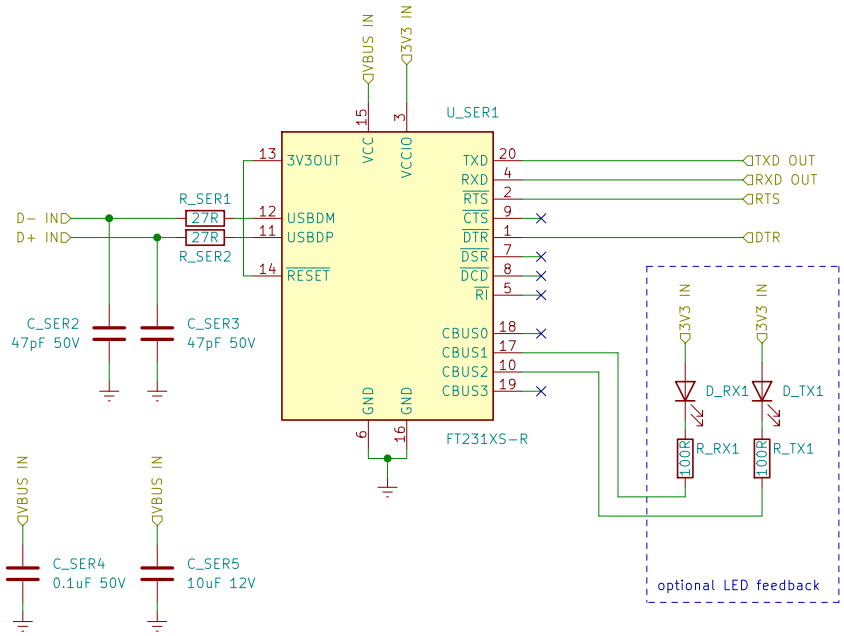
Andrei Speridiao		
Sheet: /3V3 Power/		
File: power3v3.kicad_sch		
Title: E-TKT v1.0		
Size: A4	Date: 2022-09-29	**Rev: 4**
KiCad E.D.A. kicad (6.0.6)		Id: 4/13

USB-C (2.0)



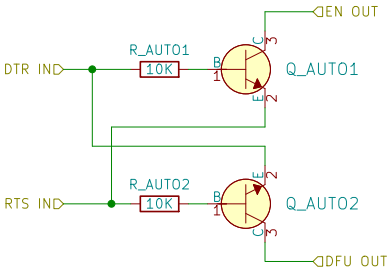
Author	Andrei Speridiao
Sheet	/USB-C 2.0/
File	usb.kicad_sch
Title	E-TKT v1.0
Size	A4
Date	2022-09-29
Rev	4
KiCad E.D.A.	kicad (6.0.6)
Id	5/13

SERIAL



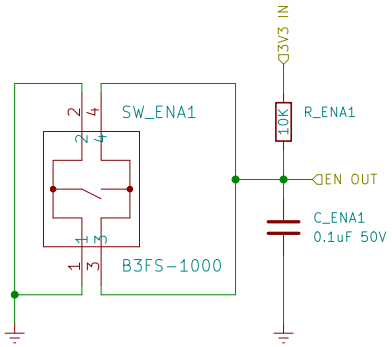
Andrei Speridiao	
Sheet: /Serial/	
File: serial.kicad_sch	
Title: E-TKT v1.0	
Size: A4	Date: 2022-09-29
KiCad E.D.A. kicad (6.0.6)	**Rev: 4**
	Id: 6/13

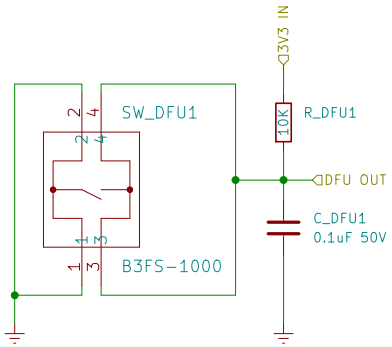
EN / BOOT



Auto program

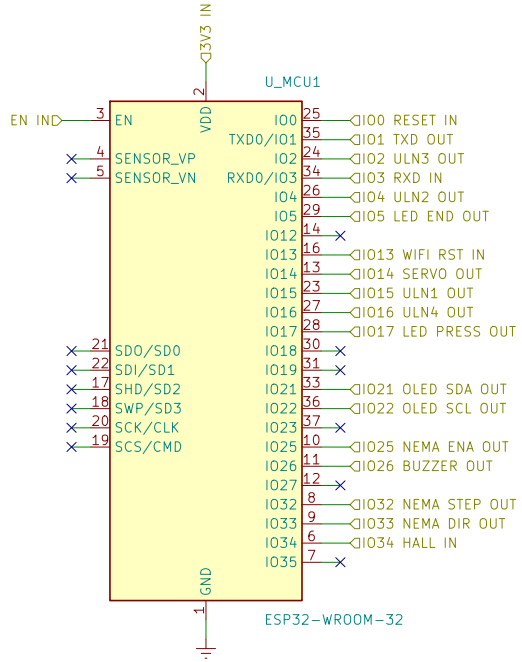
DTR	RTS	-->	EN	IO0
1	1		1	1
0	0		1	1
1	0		0	1
0	1		1	0





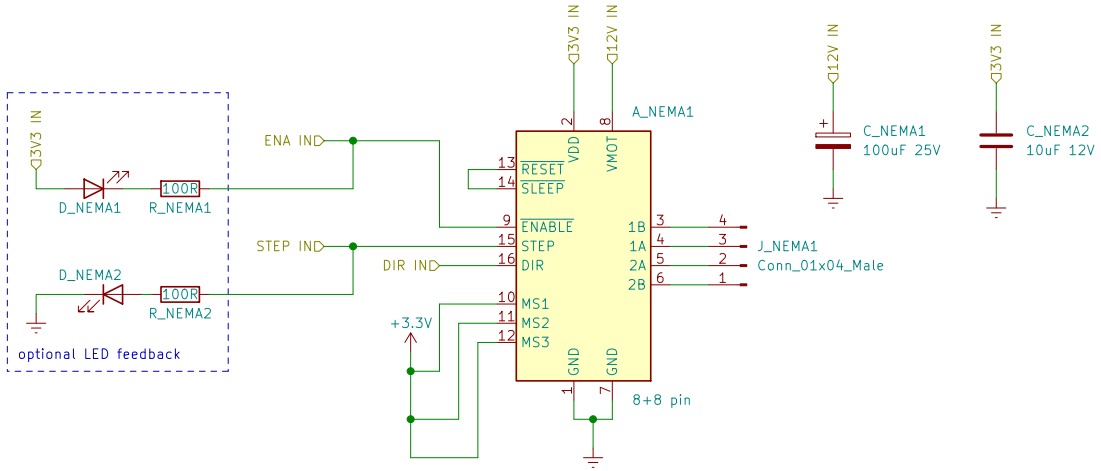
Andrei Speridiao		
Sheet: /Boot/		
File: boot.kicad_sch		
Title: E-TKT v1.0		
Size: A4	Date: 2022-09-29	**Rev: 4**
KiCad E.D.A. kicad (6.0.6)		Id: 7/13

ESP32



Andrei Speridiao		
Sheet: /MCU/		
File: mcu.kicad_sch		
Title: E-TKT v1.0		
Size: A4	Date: 2022-09-29	**Rev: 4**
KiCad E.D.A. kicad (6.0.6)		Id: 8/13

STEPPER CHAR



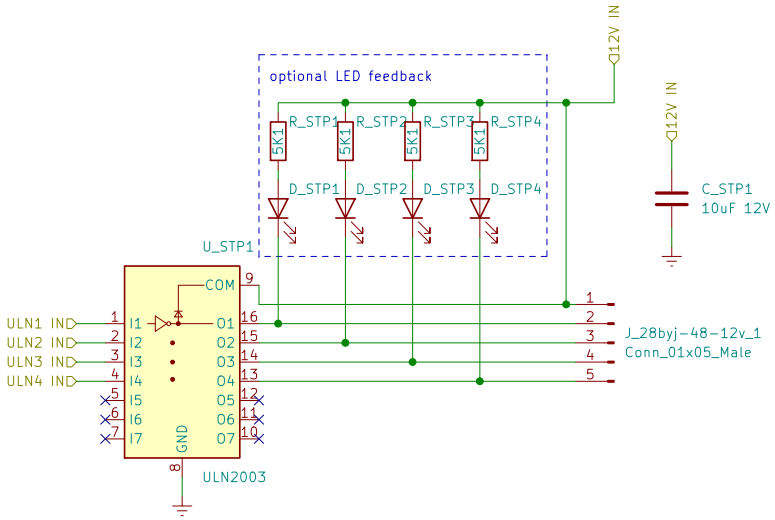
Andrei Speridiao

Sheet: /Char Stepper/
File: charstepper.kicad_sch

Title: E-TKT v1.0

Size: A4	Date: 2022-09-29	**Rev: 4**
KiCad E.D.A. kicad (6.0.6)		Id: 9/13

STEPPER FEED



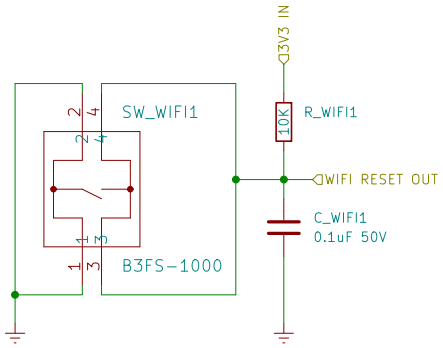
Andrei Speridiao

Sheet: /Feed Stepper/
File: feedstepper.kicad_sch

Title: E-TKT v1.0

Size: A4	Date: 2022-09-29	**Rev: 4**
KiCad E.D.A. kicad (6.0.6)		Id: 10/13

WIFI RESET



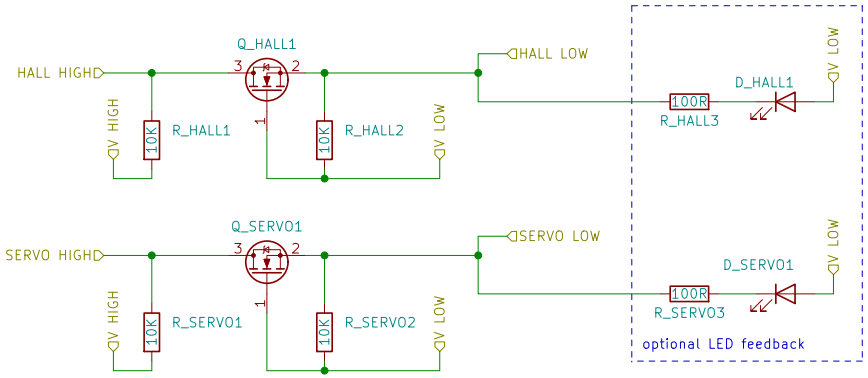
Andrei Speridiao

Sheet: /Wifi Reset/
File: wifireset.kicad_sch

Title: E-TKT v1.0

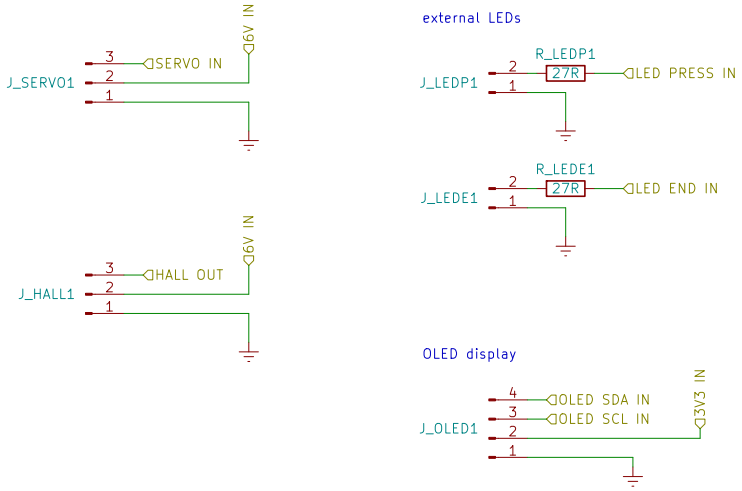
Size: A4	Date: 2022-09-29	**Rev: 4**
KiCad E.D.A. kicad (6.0.6)		Id: 11/13

LEVEL SHIFT



Andrei Speridiao		
Sheet: /Level Shift/ File: levelshift.kicad_sch		
Title: E-TKT v1.0		
Size: A4	Date: 2022-09-29	**Rev: 4**
KiCad E.D.A. kicad (6.0.6)		Id: 12/13

CONNECTORS



Andrei Speridiao

Sheet: /Connectors/
File: connectors.kicad_sch

Title: E-TKT v1.0

Size: A4	Date: 2022-09-29	**Rev: 4**
KiCad E.D.A. kicad (6.0.6)		Id: 15/13