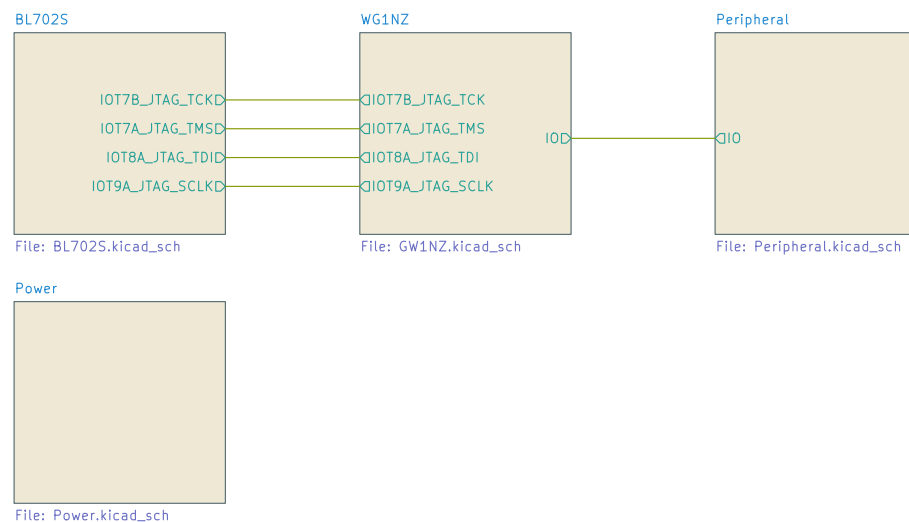


Tang Nano 1K

Revision History

Version	Date	Change Note
6100	2021/10/28	First edition



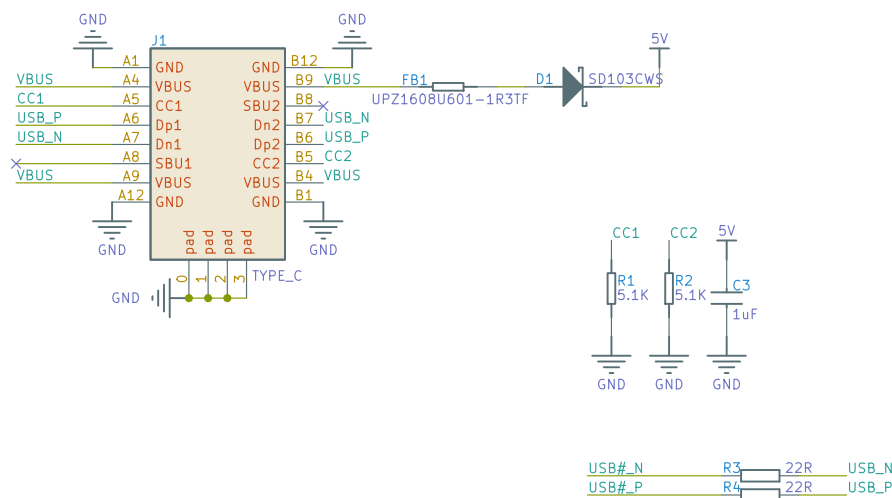
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File: Tang nano-6100.kicad_sch

Title: Tang nano 6100

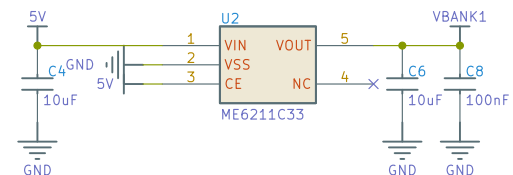
Size: A4 Date: 2021-10-28
KiCad E.D.A. eeschema (5.99.0-12829-gf2783a86e0)

Rev: NO.01
Id: 1/5

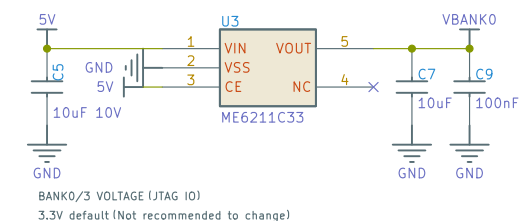
USB-C



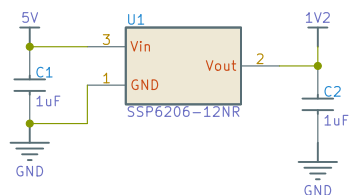
3.3V BANK1



3.3V BANK0



1.2V LDO

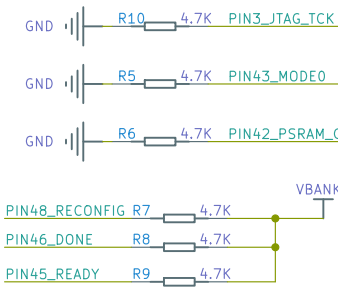


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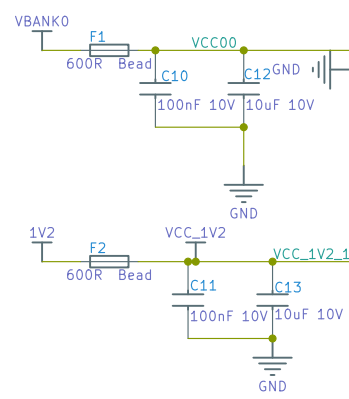
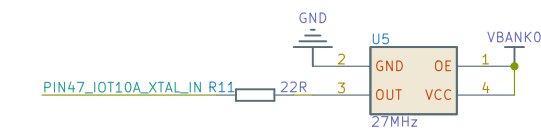
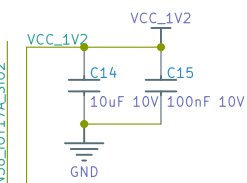
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Size: A4 Date: 2021-10-28
KiCad E.D.A. eeschema (5.99.0-12829-gf2783a86e0)

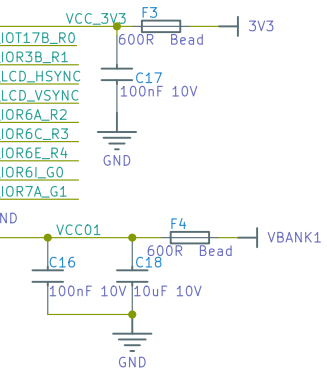
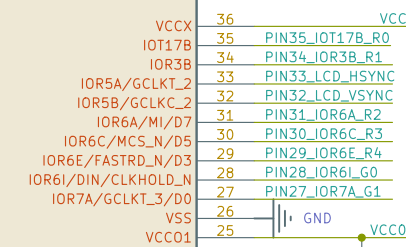
Rev: NO.01
Id: 2/5




2. buton



Red led
Blue led
Green led



1. buton

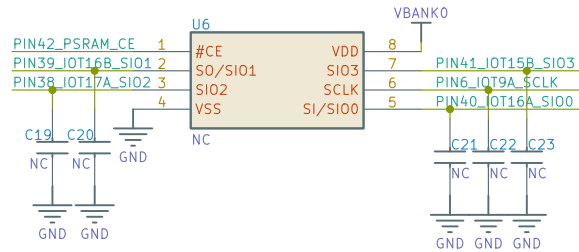


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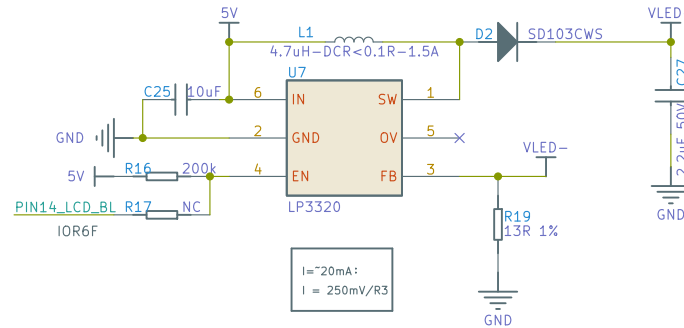
Title: Tang nano 6100

Size: A4	Date: 2021-10-28	Rev: NO.01
KiCad E.D.A. eeschema (5.99.0-12829-gf2783a86e0)		
Id: 3/5		

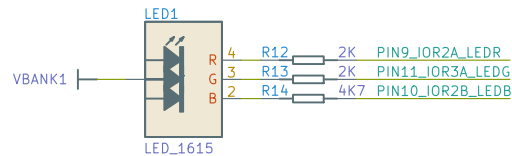
The Reserved Flash



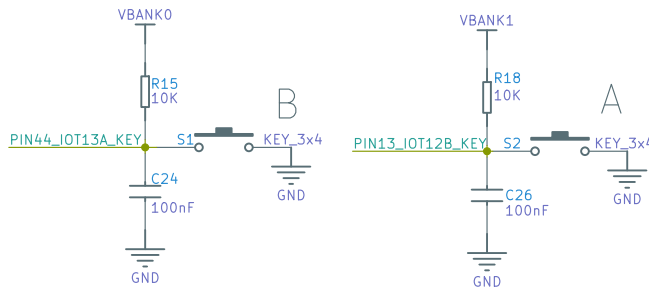
RGB LCD



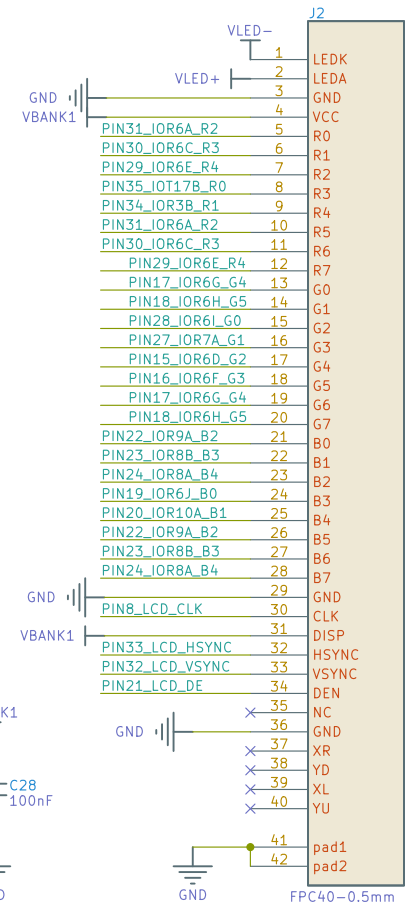
RGB LED



Button x 2



P1	P2
PIN13_IOT12B_KEY 20	PIN44_IOT13A_KEY 20
5V 19	GND 19
5V 18	GND 18
GND 17	VBANK0 17
GND 16	VBANK0 16
PIN47_IOT10A_XTAL_IN 15	GPIO_27 15
PIN45_READY 14	GPIO_26 14
PIN46_DONE 13	GPIO_23 13
PIN11_IOR3A_LEDG 12	PIN40_IOT16A_SIO0 12
PIN9_IOR2A_LEDG 11	PIN41_IOT15B_SIO3 11
PIN10_IOR2B_LEDB 10	PIN38_IOT17A_SIO2 10
PIN24_IOR8A_B4 9	PIN39_IOT16B_SIO1 9
PIN23_IOR8B_B3 8	PIN42_PSRAM_CE 8
PIN22_IOR9A_B2 7	PIN35_IOT17B_R0 7
PIN18_IOR6H_G5 6	PIN34_IOR3B_R1 6
PIN17_IOR6G_G4 5	PIN20_IOR10A_B1 5
PIN16_IOR6F_G3 4	PIN19_IOR6J_B0 4
PIN15_IOR6D_G2 3	PIN29_IOR6E_R4 3
PIN27_IOR7A_G1 2	PIN30_IOR6C_R3 2
PIN28_IOR6I_G0 1	PIN31_IOR6A_R2 1



Sheet: /Peripheral/

File: Peripheral.kicad_sch

Title: Tang nano 6100

Size: A4 Date: 2021-10-28

KiCad E.D.A. eeschema (5.99.0-12829-gf2783a86e0)

Rev: NO.01

Id: 4/5

