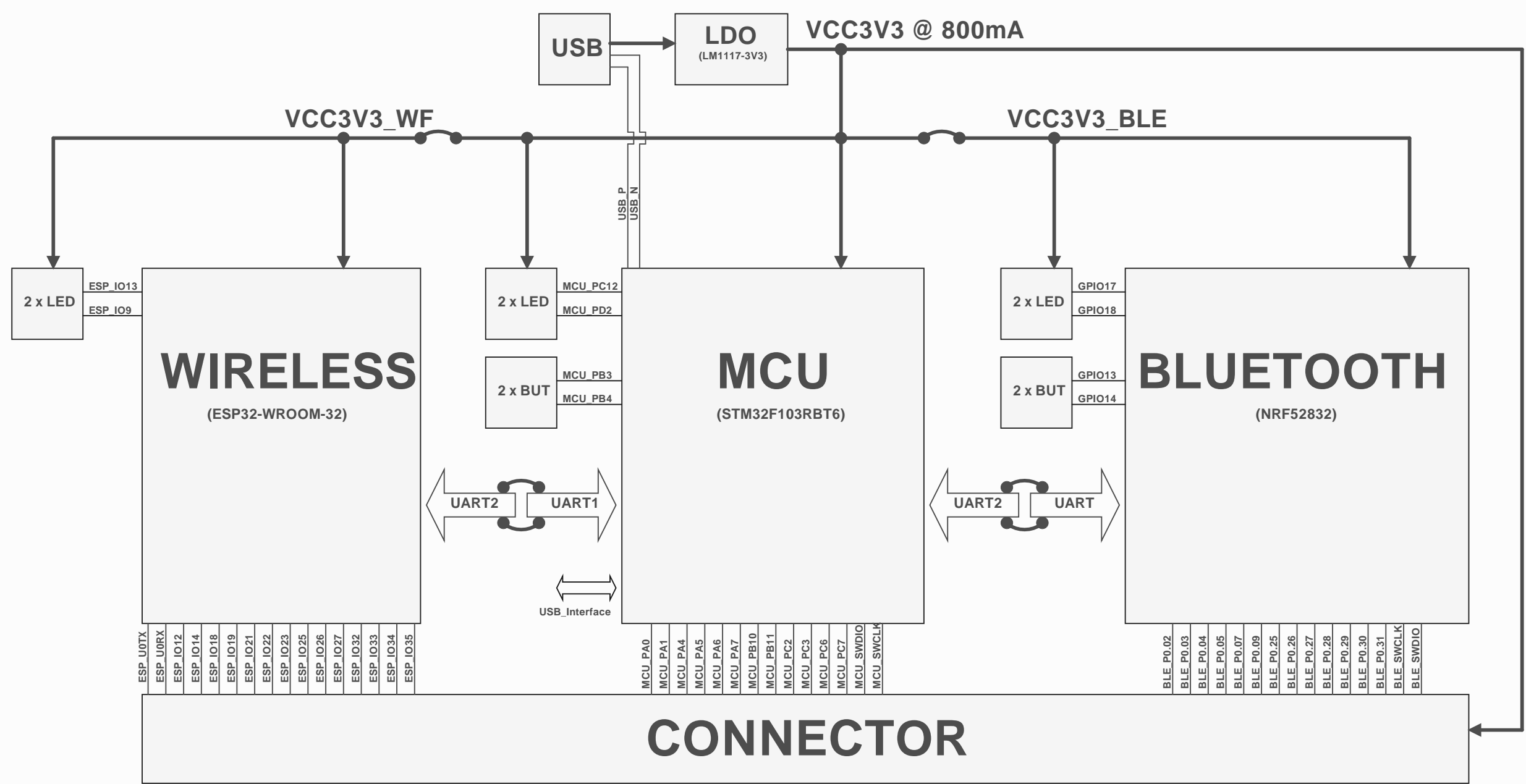
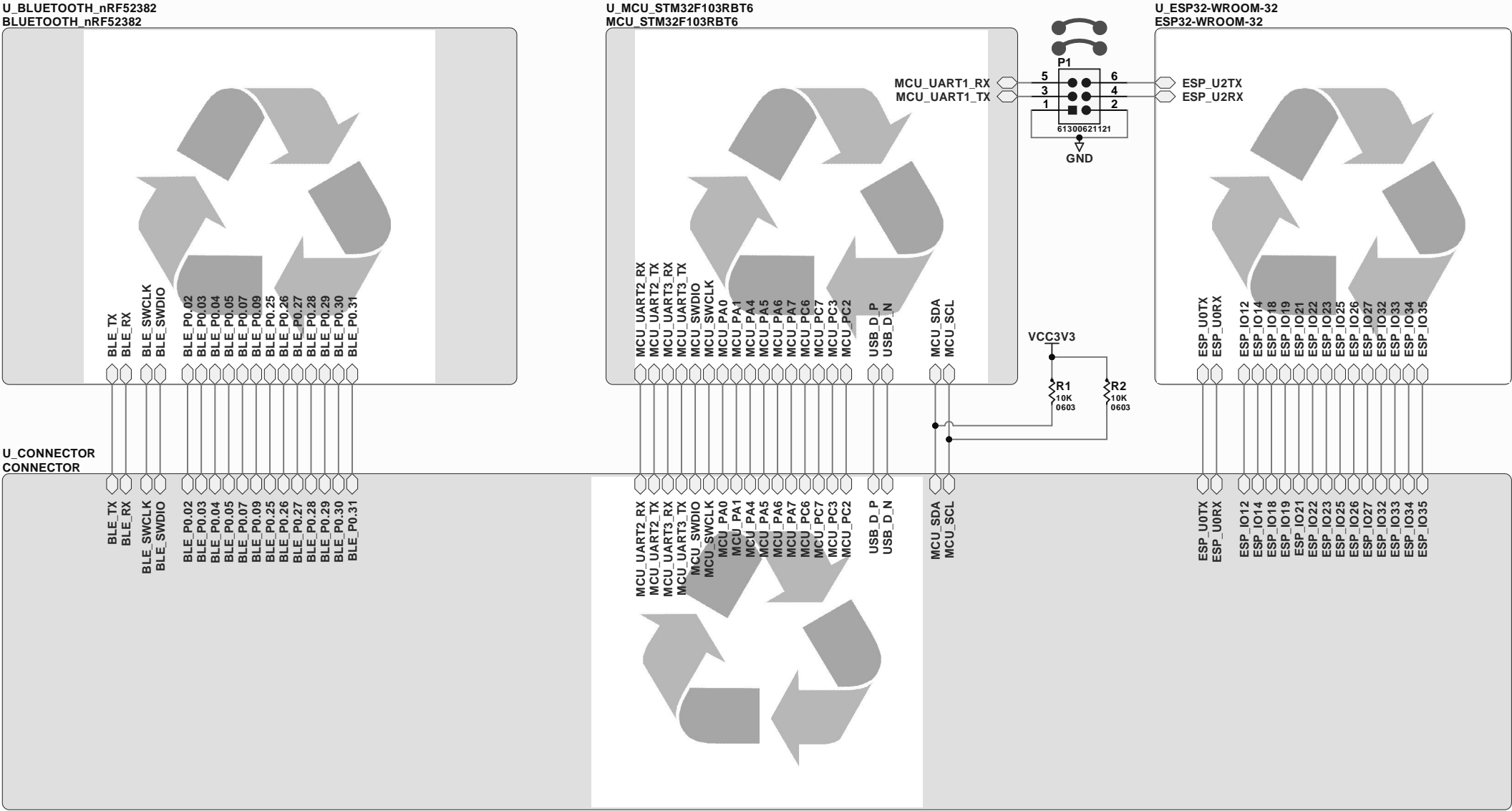


BLOCK DIAGRAM



BLOCK DETAIL

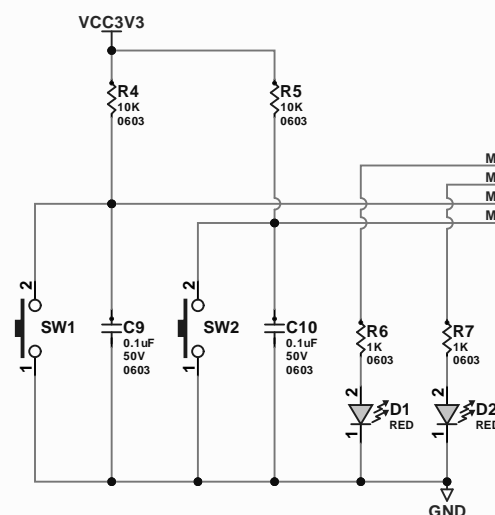
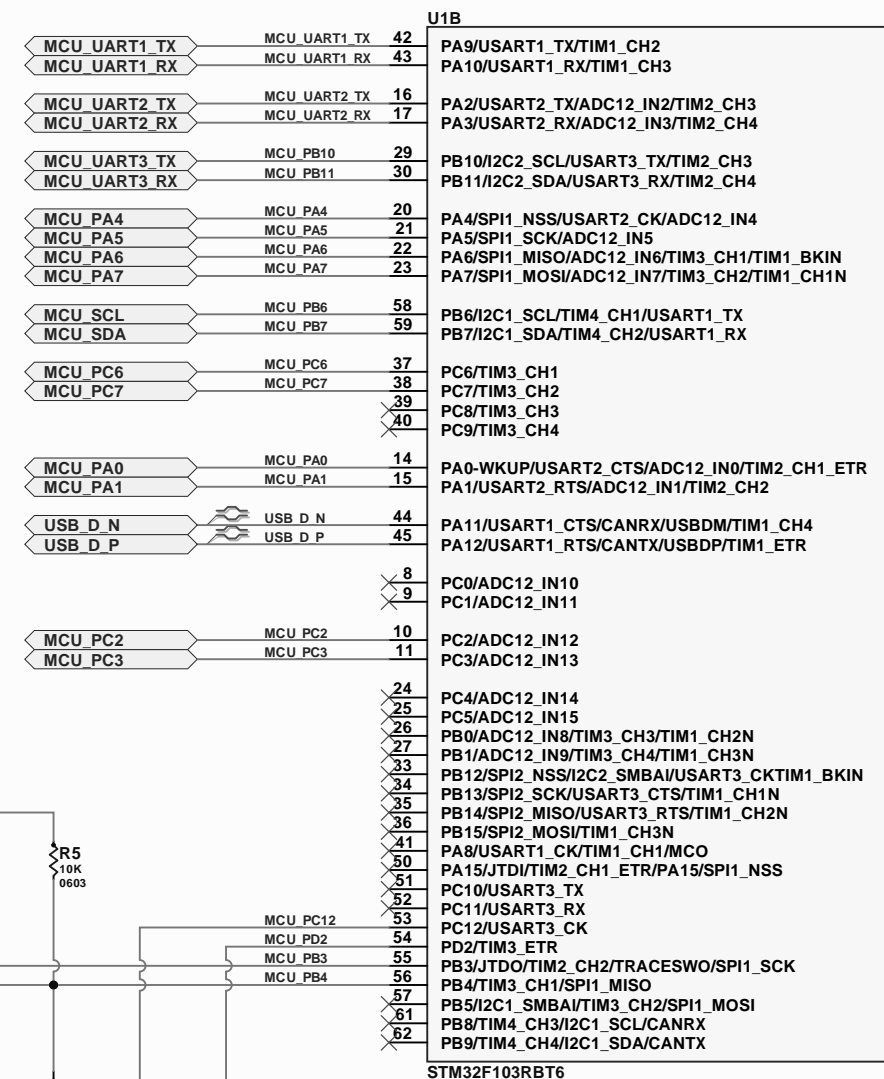
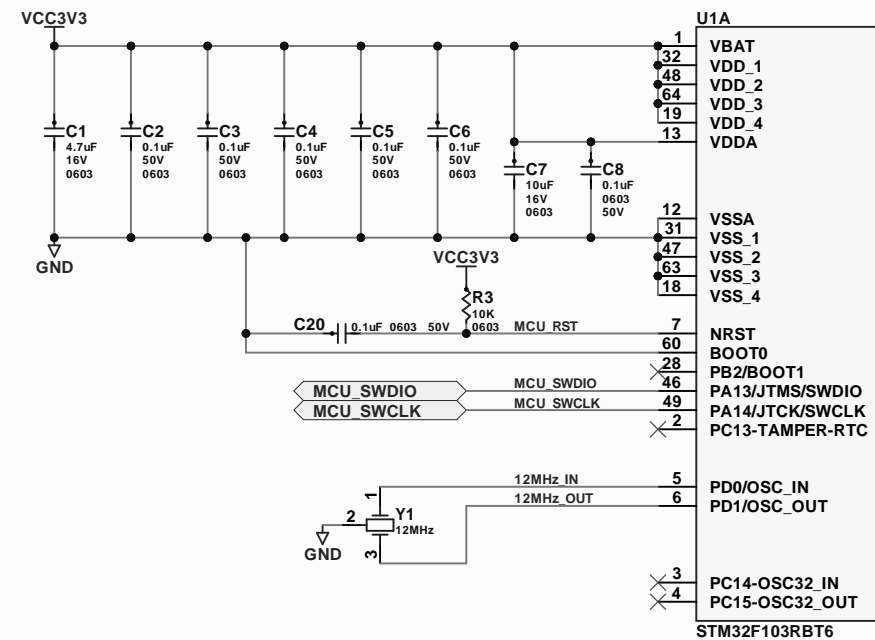


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Title: Dev_IoT
Dev_IoT

Size: A3	Date Modified:	Document Number:	Rev: V1.0
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MCU_STM32



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Size:
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Date Modified:

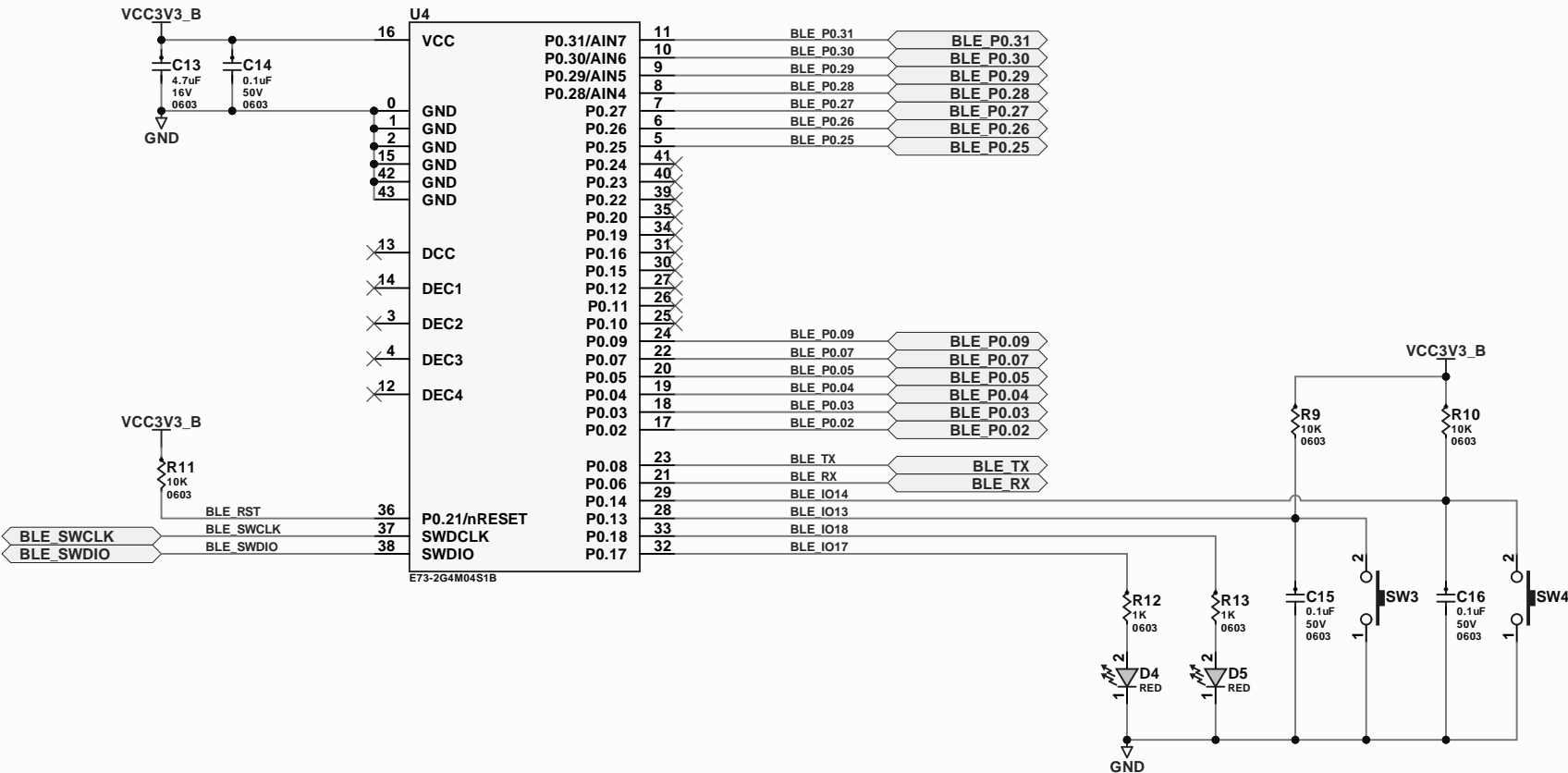
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Engineer:

Sheet 3 Of 6

BLE_nRF52382

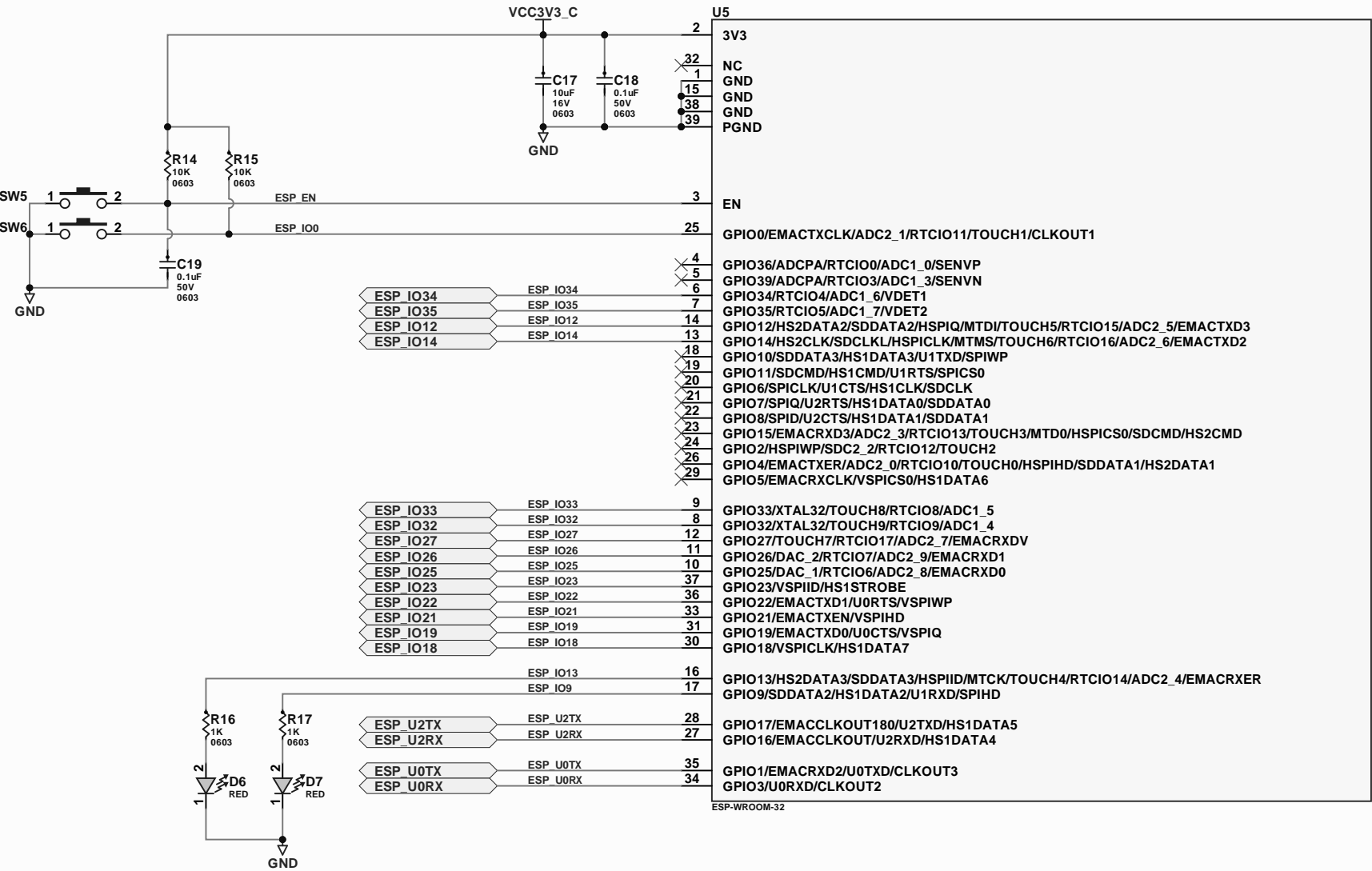


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ESP32-WROOM-32

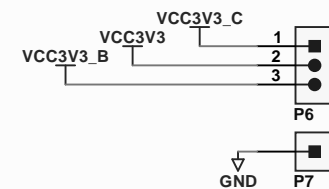
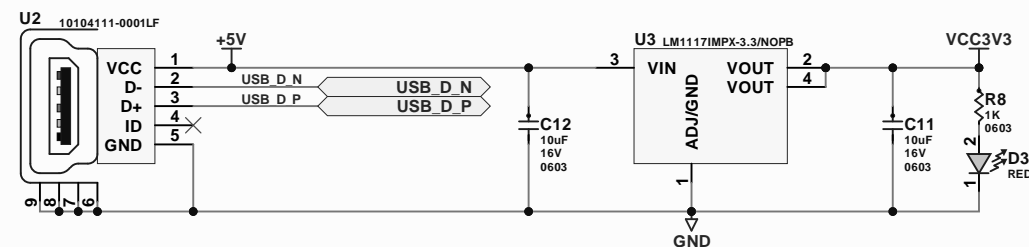
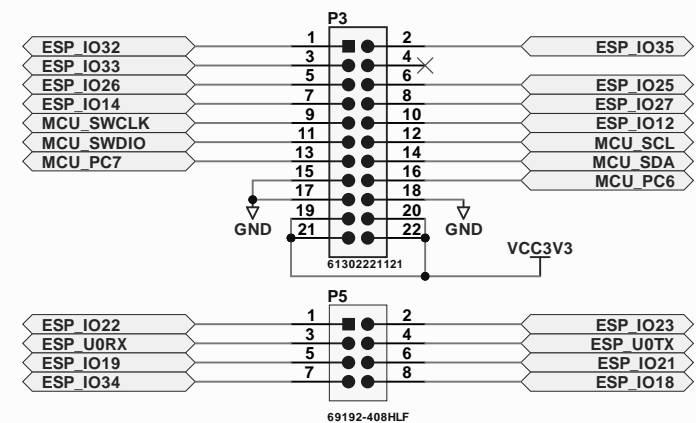
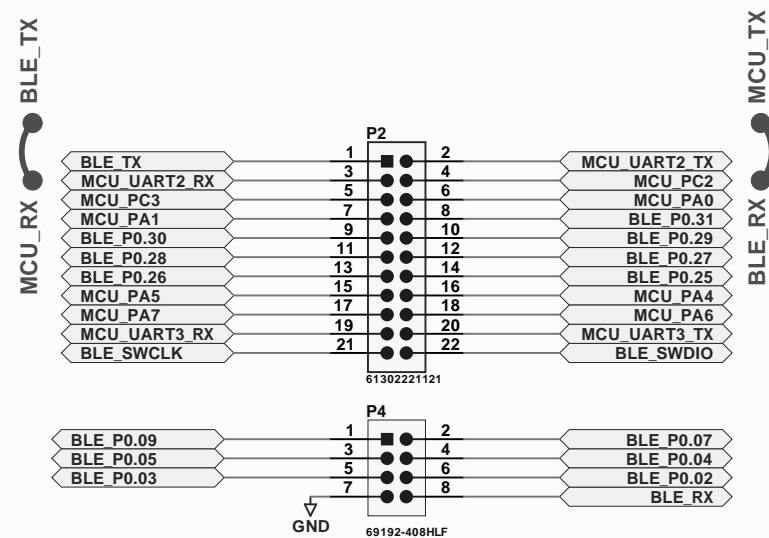
RST
BOOT



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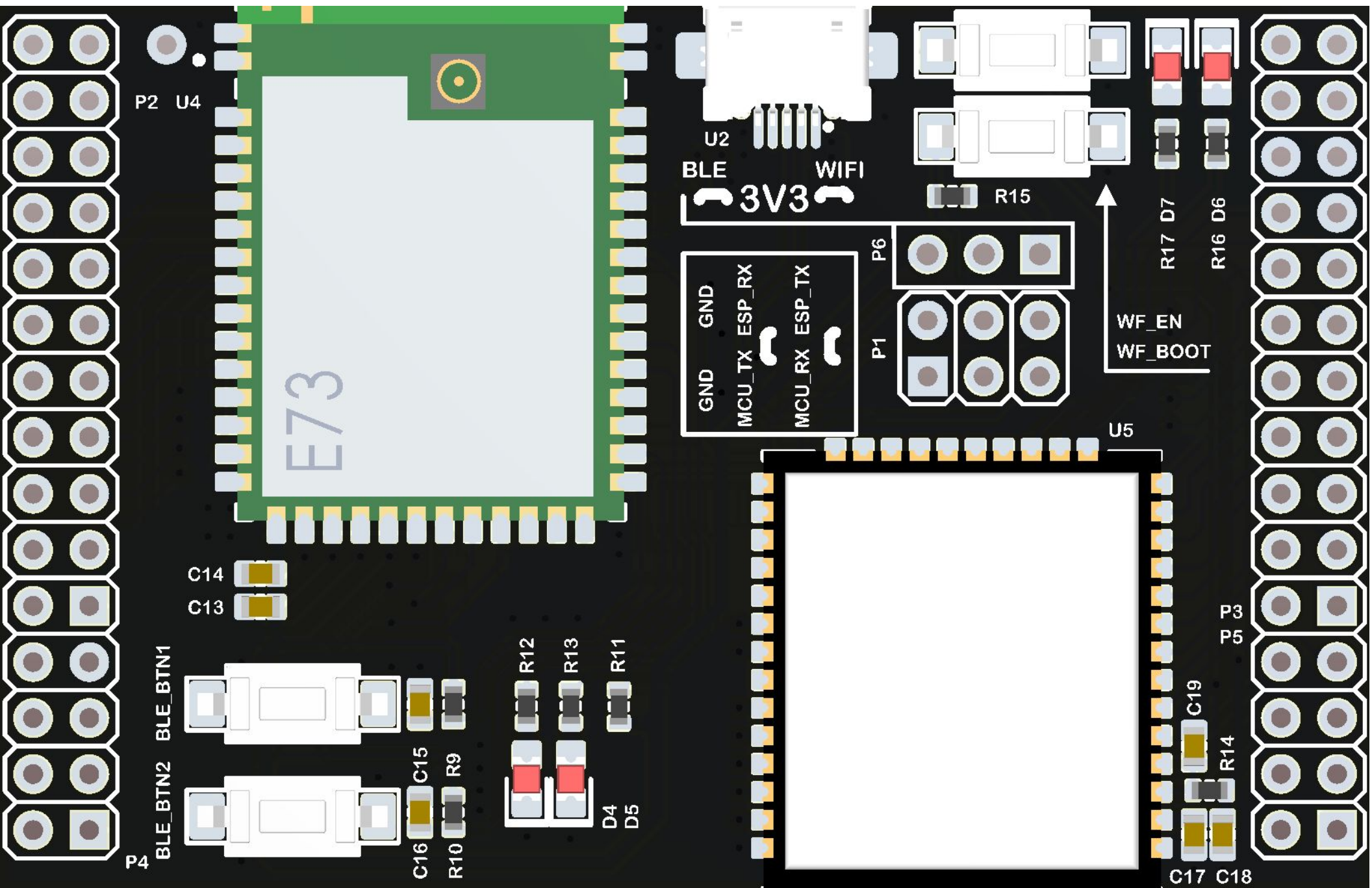
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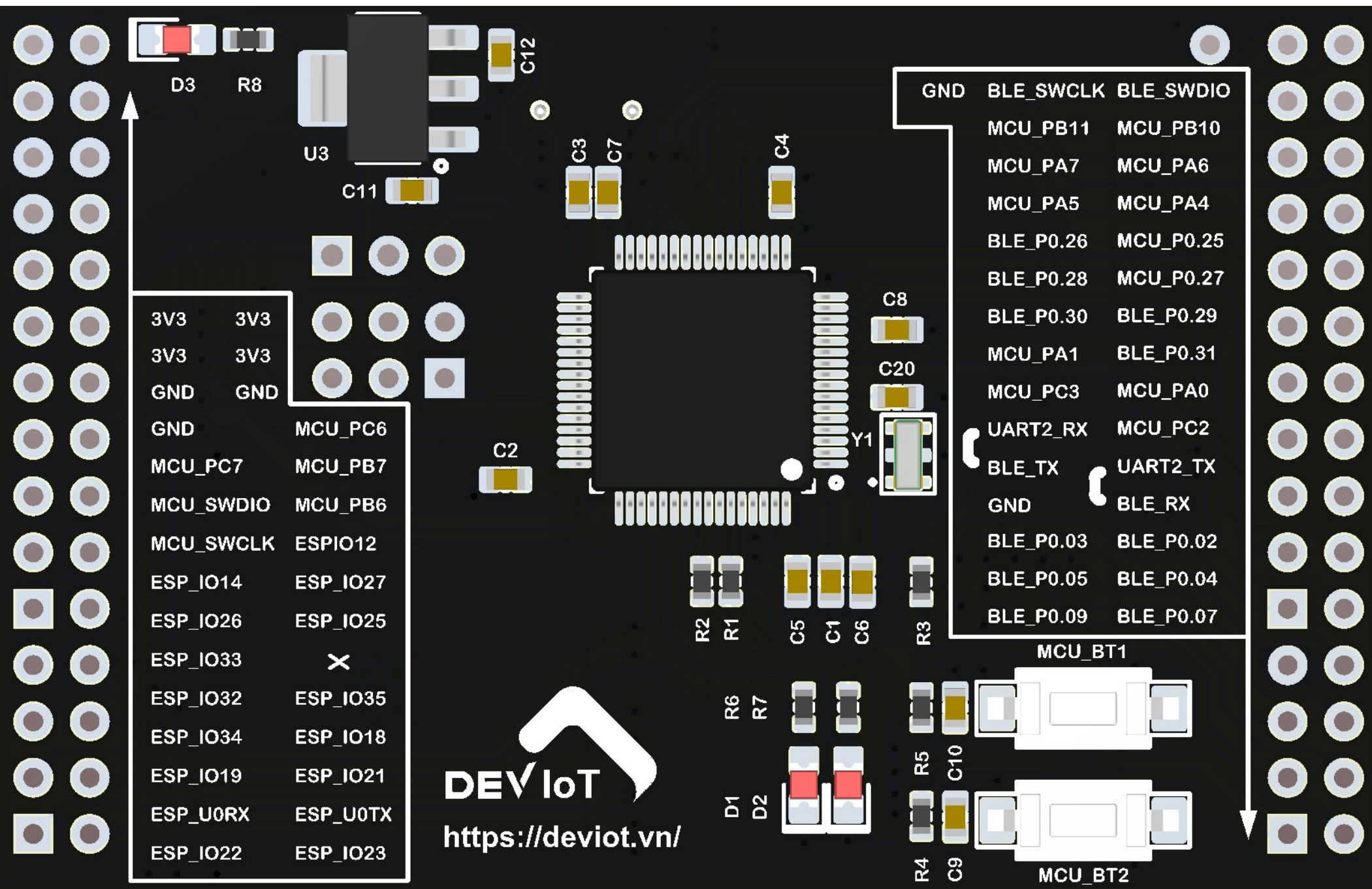
CONNECTOR

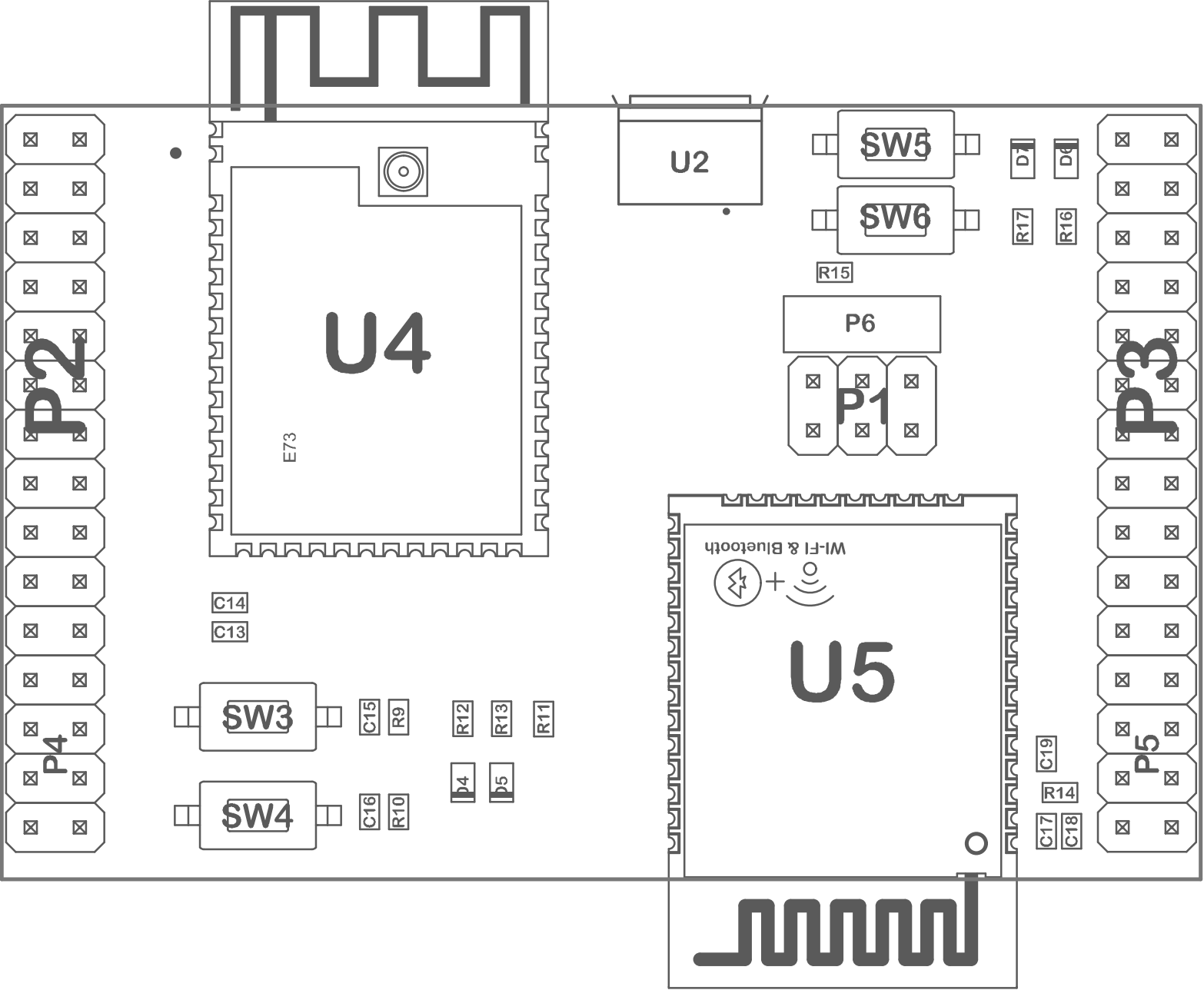


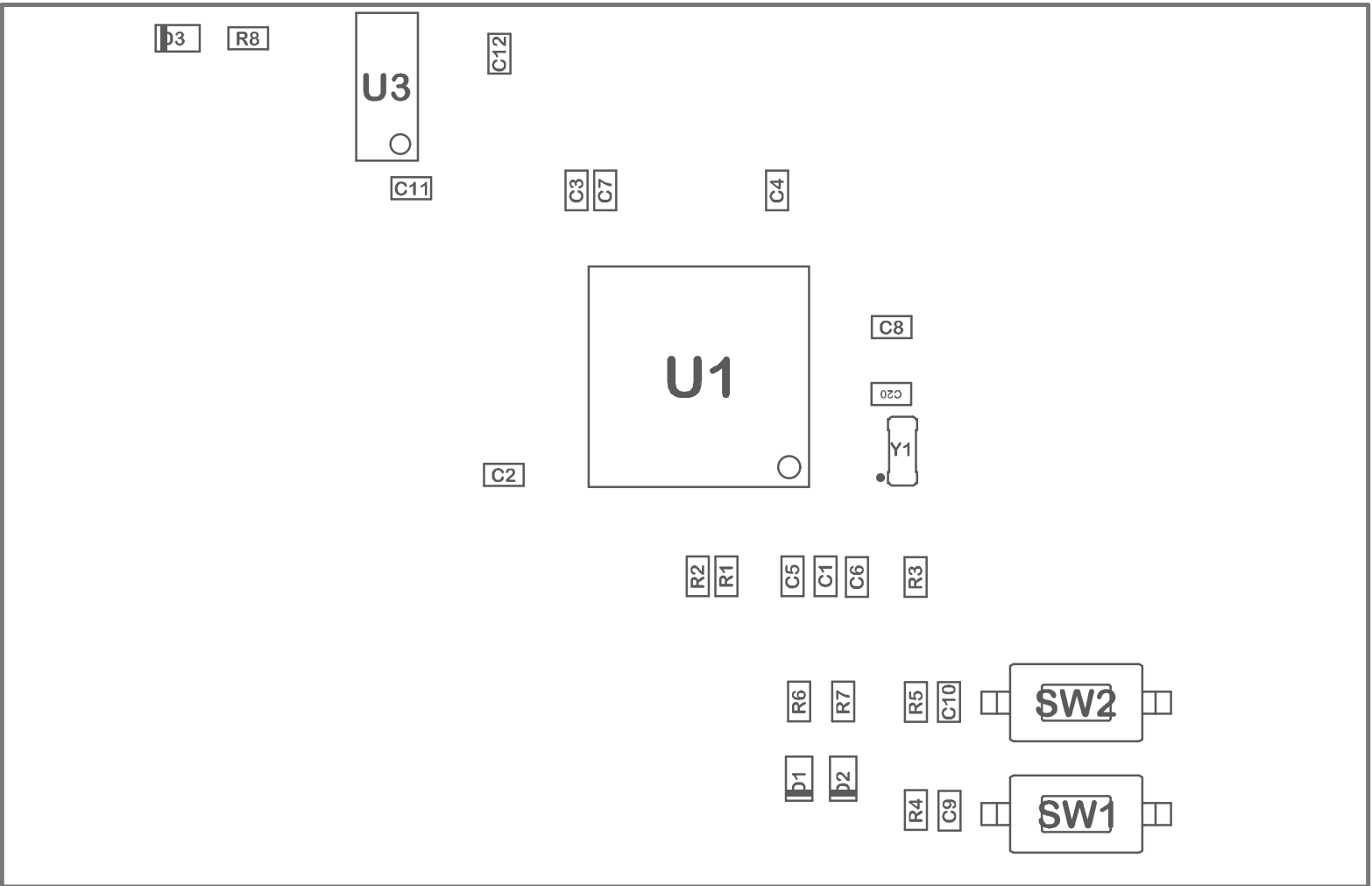
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Dev_IoT









Comment	Description	Designator	Quantity
4.7uF 16V 0603	CAP CER 4.7UF 20% 16V X5R 0603 SMD	C1, C13	2
0.1uF 50V 0603	CAP CER 0.1UF 10% 50V X7R 0603 SMD	C2, C3, C4, C5, C6, C8, C9, C10, C14, C15, C16, C18, C19, C20	14
10uF 16V 0603	CAP CER 10UF 10% 16V X5R 0603 SMD	C7, C11, C12, C17	4
LH R974-LP-1	LED IND RED 1.8V 20mA 0805 SMD	D1, D2, D3, D4, D5, D6, D7	7
61300621121	CON C2B 2R8C M 2.54P THR	P1	1
61302221121	CON C2B 2R11C M 2.54P THR	P2, P3	2
69192-408HLF	CON C2B 2R4C M 2.54P THR	P4, P5	2
PAD_2.54	PAD_2.54	P7	1
10K 0603	RES CHP 10K 1% 1/10W 0603 SMD	R1, R2, R3, R4, R5, R9, R10, R11, R14, R15	10
1K 0603	RES CHP 1K 1% 1/10W 0603 SMD	R6, R7, R8, R12, R13, R16, R17	7
BTN 3x6x5 SMD	SWT BTN 3x6x5 SMD	SW1, SW2, SW3, SW4, SW5, SW6	6
STM32F103RBT6	ICS EMB MCU 32BIT 128KB FLASH 64LQFP SMD	U1	1
10104111-0001LF	CON USB 2.0 MICRO AB SMD	U2	1
LM1117IMPX- 3.3/NOPB	ICS PMI VREG 3.3V 800mA SOT-223-4 SMD	U3	1
nRF52832	MDL RF TRX BLE4.2 E73-2G4M04S1B 28.7L17.5W2.6H SMD	U4	1
ESP-WROOM-32	MDL TRX ESP- WROOM-32 SMD	U5	1
CSTNE12M0G550000R 0	CRYSTAL 12MHZ 33PF 3.2L1.3W0.8H SMD	Y1	1