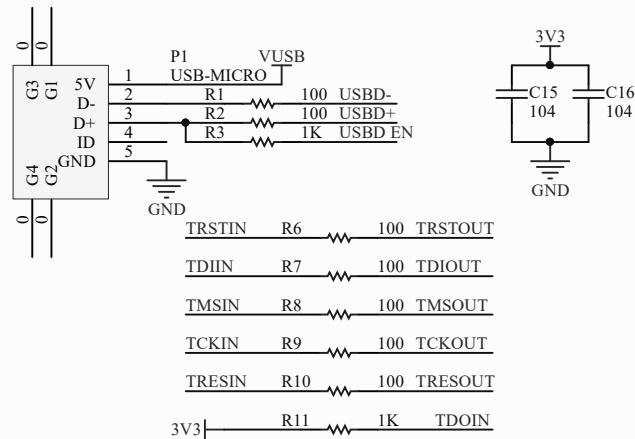
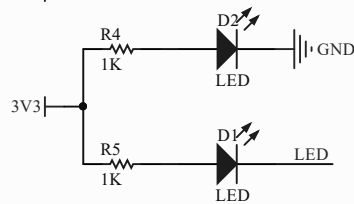


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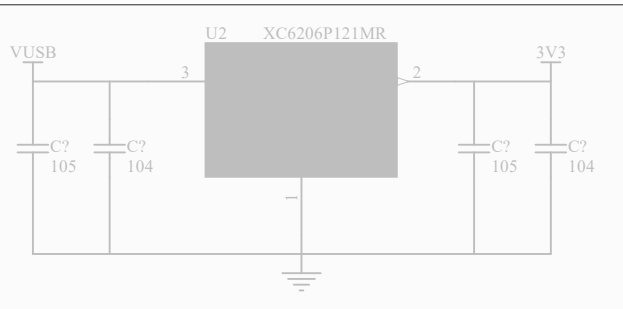
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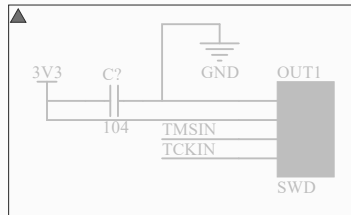
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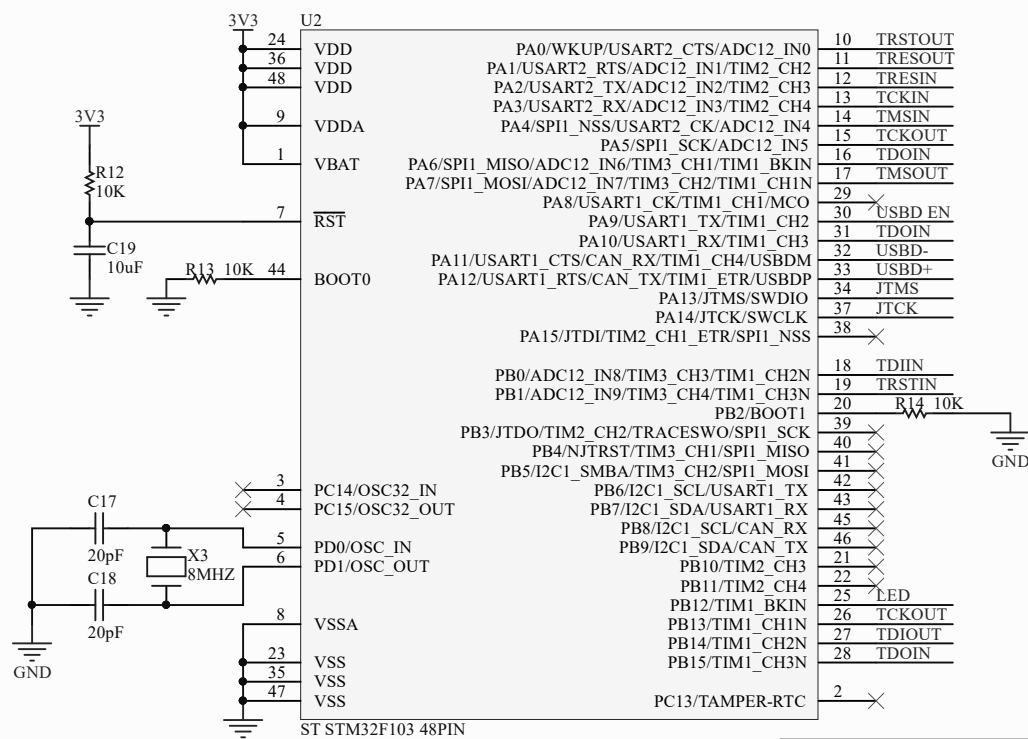
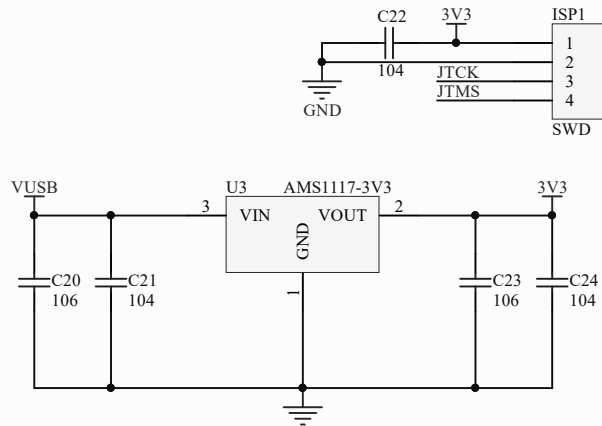


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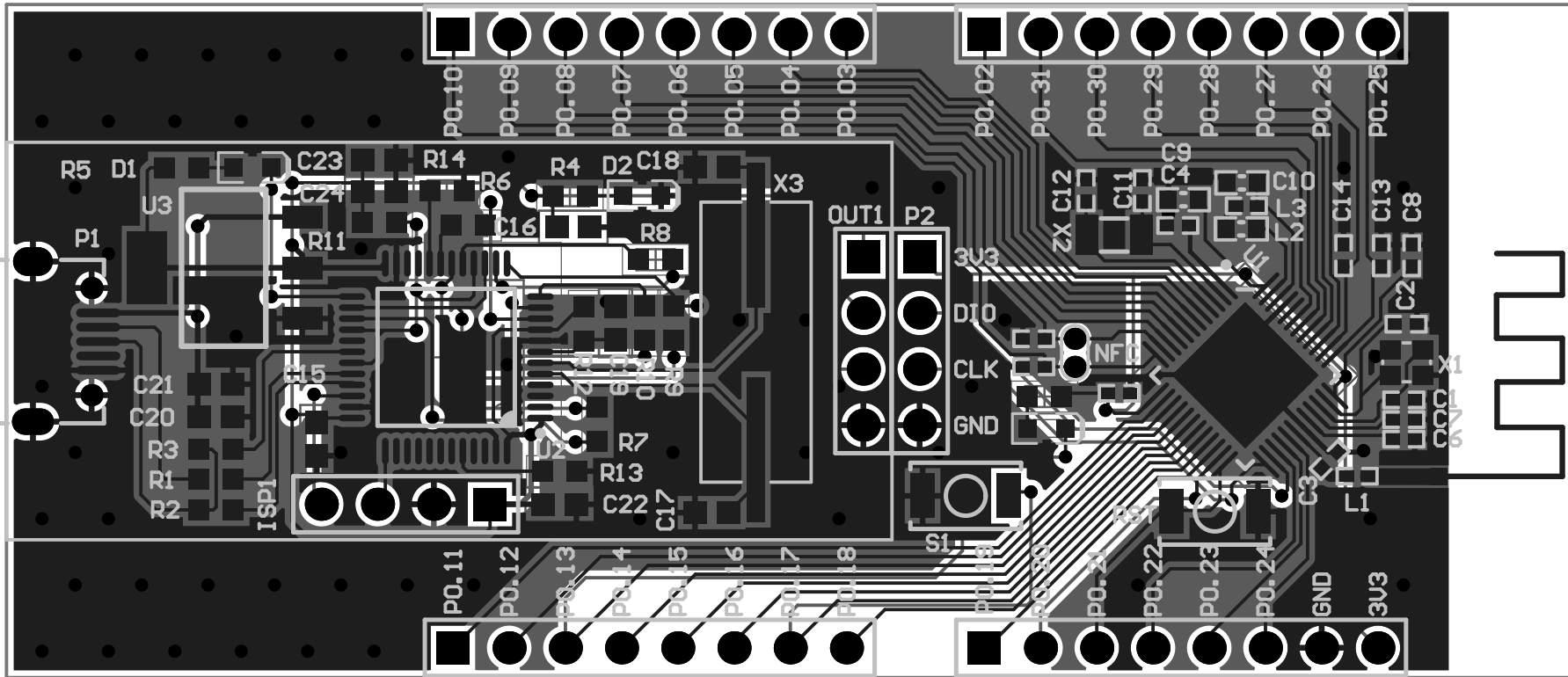
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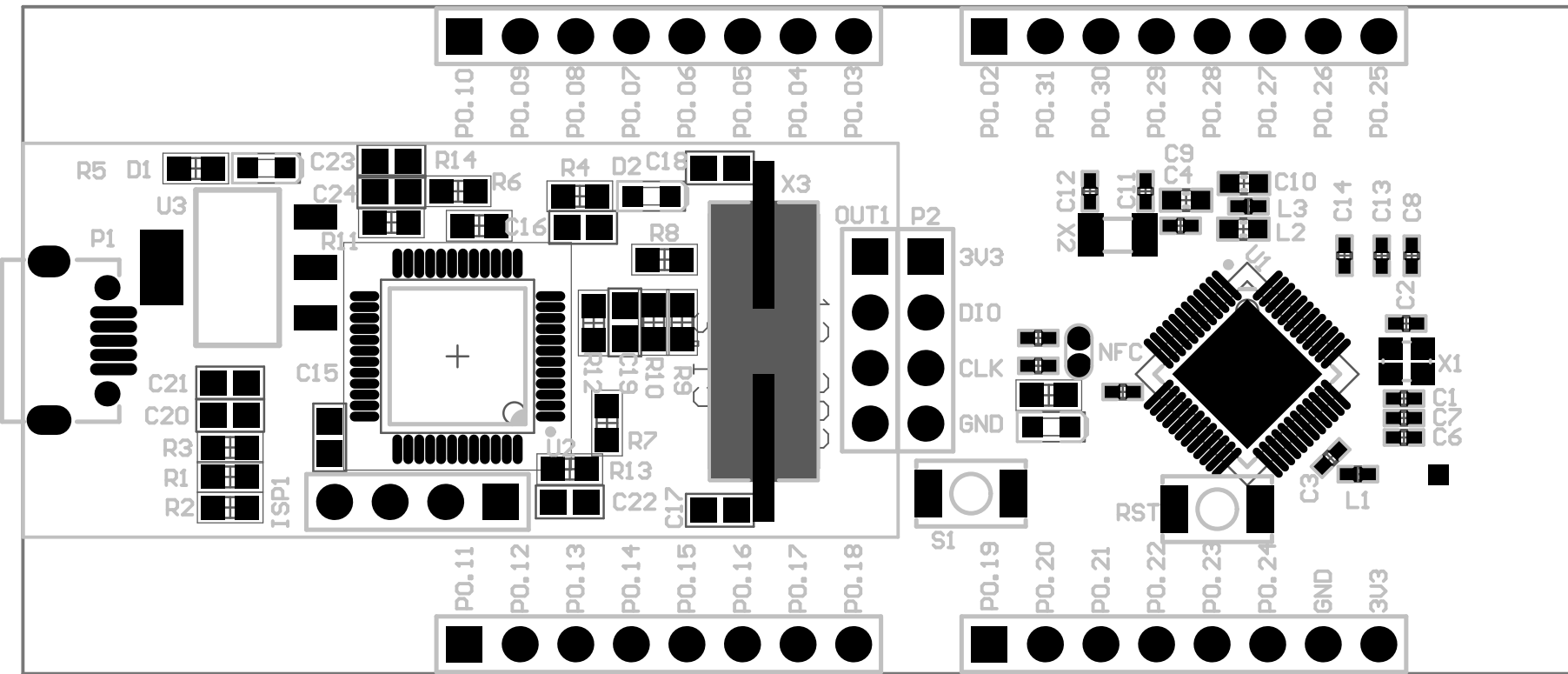
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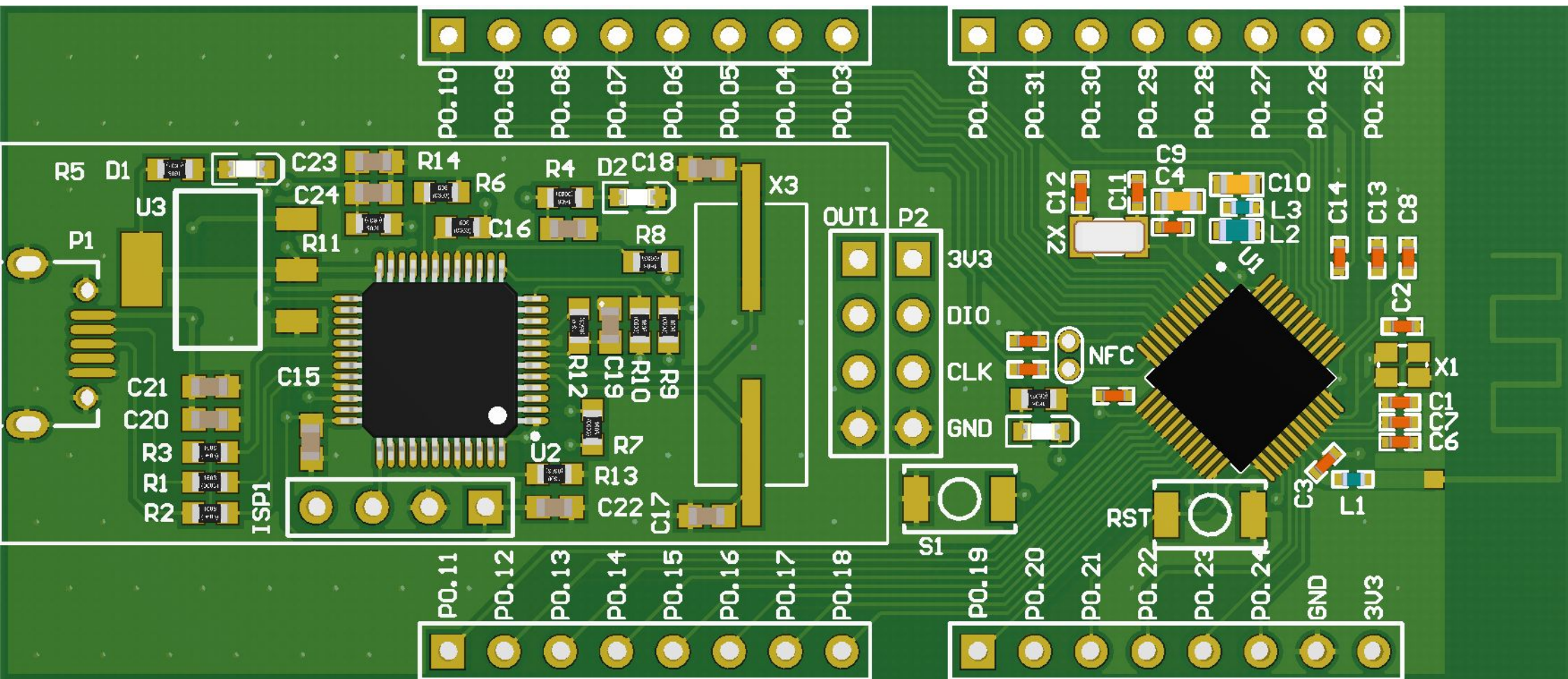
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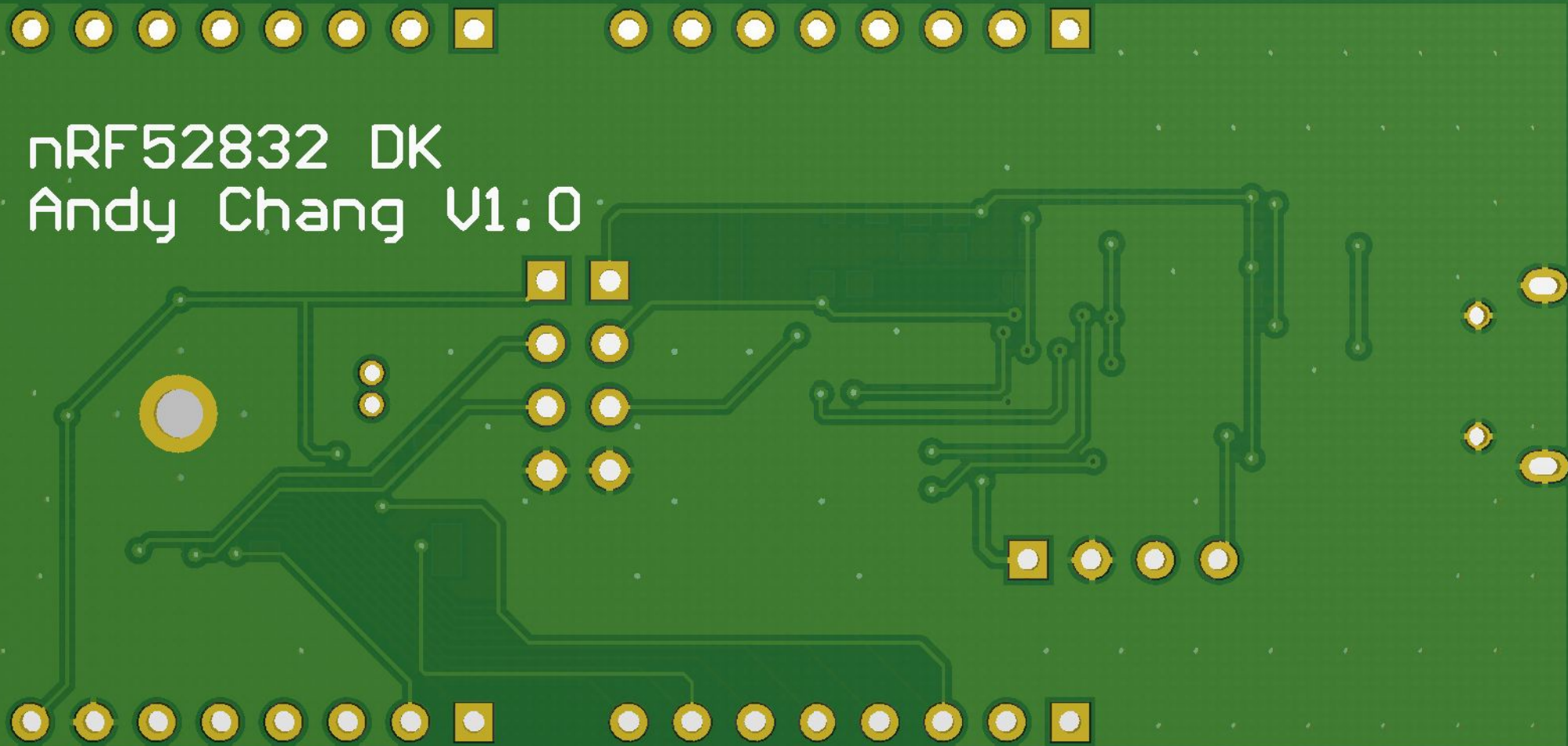
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nRF52832 DK  
Andy Chang V1.0



Designator	Description	Footprint	LibRef	Quantity	Comment
C1, C2, C11, C12, C13, C14	Capacitor, NP0, $\pm 2\%$	CAPC1005X04L	C0402-12p	6	12pF
C3	Capacitor, NP0, $\pm 5\%$	CAPC1005X04L	C0402-0.8p	1	0.8pF
C4, C5, C8	Capacitor, X7R, $\pm 10\%$	CAPC1005X04L	C0402-100n	3	100nF
C6	Not mounted	CAPC1005X04L	C0402-N.C.	1	N.C.
C7	Capacitor, NP0, $\pm 5\%$	CAPC1005X04L	C0402-100p	1	100pF
C9	Capacitor, X5R, $\pm 10\%$	CAPC1608X06L	C0603-4 $\mu$ 7	1	4.7 $\mu$ F
C10	Capacitor, X7R, $\pm 10\%$	CAPC1608X06L	C0603-1 $\mu$ 0	1	1.0 $\mu$ F
C15, C16, C17, C18, C19, C20, C21, C22, C23, C24	Capacitor (Semiconductor SIM Model)	C0603	Cap Semi	10	Cap Semi
C_tune1, C_tune2	Capacitor, NP0, $\pm 5\%$	CAPC1005X04L	C0402-TBD	2	TBD
D1, D2, D3	Typical INFRARED GaAs LED	0603	LED	3	LED
ISP1, OUT1, P2	Header, 4-Pin	HDR1X4	Header 4	3	SWD
L1	High frequency chip inductor $\pm 5\%$	INDC1005X04L	L0402-3n9	1	3.9nH
L2	Chip inductor, IDC,min = 50 mA, $\pm 20\%$	INDC1608X06L	L0603-10 $\mu$	1	10 $\mu$ H
L3	High frequency chip inductor $\pm 10\%$	INDC1005X04L	L0402-15n	1	15nH
P1	USB-MICRO	USB-MICRO	USB-MICRO	1	USB-MICRO
P3, P4, P5, P6	Header, 8-Pin	HDR1X8	Header 8	4	Header 8
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15	Resistor	R0603-M	Resistors SMD	15	Resistors SMD
RST, S1	Switch	SWITCH_SMD_4x3_DHT-1185	SW-PB	2	SW-PB
U1	Multi-protocol Bluetooth Low Energy, ANT and 2.4GHz proprietary system-on-chip	QFN40P600X600X90-48N	nRF52832-QFAA	1	nRF52832-QFAA
U2		ST LQFP-48 7x7MM	ST STM32F103 48PIN	1	ST STM32F103 48PIN
U3		SOT-223	AMS1117	1	AMS1117-3V3
X1	XTAL SMD 2016, 32MHz, Cl=8pF, Total Tol: $\pm 40$ ppm	BT-XTAL_2016	XTAL_SMD2016_32MHz_8pF_General	1	32MHz
X2	XTAL SMD 3215, 32.768kHz, Cl=9pF, Total Tol: $\pm 50$ ppm	XTAL_3215	XTAL_SMD3215_32.768kHz_9pF_General	1	32.768kHz
X3	No Description Available	XTAL_ABLS2_ABR	crystal	1	8MHZ