



Title		
Size	Number	Revision
A3		
Date:	3-27-2025	Sheet of
File:	C:\Users\...updated NRF52840 Module.Sch	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
ANT3216LL00R2400A	Antenna	ANT	ANT3216LL00R2400A	ANT3216LL00R2400A	1
2.2uF	Capacitor	C1, C3, C4, C5, C13, C14, C16, C18	CAPC0603X33N	GRM0335C1E100JA01 D	8
10PF	Capacitor	C2, C7, C8	CAPC0603X33N	GRM0335C1E100JA01 D	3
100nf	Capacitor	C6, C10, C15	CAPC0603X33N	GRM0335C1E100JA01 D	3
100PF	Capacitor	C9	CAPC0603X33N	GRM0335C1E100JA01 D	1
0.5PF	Capacitor	C11	CAPC0603X33N	GRM0335C1E100JA01 D	1
820pf	Capacitor	C12	CAPC0603X33N	GRM0335C1E100JA01 D	1
0.8PF	Capacitor	C17	CAPC0603X33N	GRM0335C1E100JA01 D	1
	Capacitor	C19, C20, C21, C22	CAPC1608X95N	C0603C104K5RAC3121	4
nRF52840-QIAA-T	Integrated Circuit	IC	nRF52840QIAAT	nRF52840-QIAA-T	1
		J1	1X03	CONN_03	1
PIN HEADER		JP1, JP2	1X07	PINHD-1X7	2
	Inductor	L1	INDC1608X95N	KLZ1608MHR100WTD2 5	1
4.7NH	Inductor	L2	LQP03TG3N1B02D	LQP03TN4N7J02D	1
150044M155260	LED	LED1	150044M155260	150044M155260	1
2.2k	Resistor	R2, R3, R4	ERJ1GN_(0201)	ERJ-1GNF2201C	3
10k	Resistor	R5	ERJ1GN_(0201)	ERJ-1GNF2201C	1
33R	Resistor	R6, R7	ERJ1GN_(0201)	ERJ-1GNF2201C	2
1.5K	Resistor	R8, R9	ERJ1GN_(0201)	ERJ-1GNF2201C	2
KMR232NGULCLFS		SW1	Component_1_6	KMR232NGULCLFS	1
XO6206P332MR	Integrated Circuit	U	SOT95P280X130-3N	XO6206P332MR	1
MicroUSB- C	USB-C_USBTYPEC_ USB 2.0 Receptacle Connector 24_16+8 Dummy_Position Surface Mount, Right Angle; Through Hole	USB	USB4105-GF-A	USB4105-GF-A	1
ECS-320-6-47B2-CTN- TR	Crystal or Oscillator	Y1	ECS320647B2CTNTR	ECS-320-6-47B2-CTN- TR	1
ABS05-32.768KHZ-T	Crystal or Oscillator	Y2	ABS0532768KHZT	ABS05-32.768KHZ-T	1