













## 

Rikky-board\_v0r0.PrjPcb Rikky-board\_v0r0.PrjPcb Source Data From: Project: None

Variant:

Creation Date: 4/30/2019 11:32:09 AM
Print Date: 43585 43585.48074

Footprint	Comment	LibRef	Designator	Description	Quantity
ANTENNACH	#NAME?	Linx ANT-2.45-	ANT1	ANT 2.4GHZ 802.11 BLUETOOTH SMD	
IP		CHP-x			
BALUN_PAC	#NAME?	BAL_NRF02D3	BAL1	BALUN 2.4GHZ	
KAGE CONN 12-	I		CO1		
CONN_12- CLP	JTAG_SWD_12 F-SF2-Nor	JTAG_SWD_12 F-SF2-Nor		12 pin female JTAG/SWD header for SmartFusion2 and Nordic	
LED-0603	_F-SF2-NOF #NAME?	_F-SF2-NOF	LED0	LED ORANGE CLEAR 0603 SMD	
LED-0603	#NAME?	LED	LED1	LED YELLOW CLEAR 0603 SMD	
MCSM-CS-	M2S025_FC325	M2S025_FC325	U1	SmartFusion2	
325					
BGA_NORDI	#NAME?	nRF51822	U2	IC SOC 2.4GHZ MULTIPROTO 62WLCS	
C YZP6-ti	TXB0101	TXB0101	Un2	IC VOLT-LEVEL TRANSLATOR 6-DSBGA	
	1,20101	1,20101	OII.E	TO VOET EEVEE HVIROETHOR O'BODON	
6micropak	#NAME?	Dual Inverter	Un3	IC INVERTER ULP-A DUAL 6MICROPAK	
TPS_PACKA	#NAME?	TPS62262	Us1	IC REG BUCK 1.2V 0.6A SYNC 6SON	
GE_novia TPS_PACKA	#NAME?	TPS62261	Us2	IC REG BUCK 1.8V 0.6A SYNC 6SON	
GE_novia	#NAME?	IPS62261	USZ	IC REG BUCK 1.8V U.6A SYNC 6SON	
TPS_PACKA	#NAME?	TPS62263	Us3	IC REG BUCK 2.5V 0.6A SYNC 6SON	
GE_novia					
TPS_PACKA	#NAME?	TPS62260DRVR	Us4	IC REG BUCK ADJ 0.6A SYNC 6SON	
GE_novia XOSC 4PIN	#NAME?	XOSC	V1	Crystal 20MHz ±10ppm 10pF 70 Ohm -	
AUSC_4FIN	#INAIVIE !	AUSC	''	10°C ~ 60°C Surface Mount 4-SMD, No	
				Lead DFN LCC	
XOSC_4PIN	#NAME?	XOSC	Y2	16MHz ±10ppm Crystal 10pF 80 Ohm - 10°C ~ 60°C Surface Mount 4-SMD, No	
	l			10°C ~ 60°C Surface Mount 4-SMD, No	
NSD-36-VV-	NSD-36-VV-GS	NSD-36-VV-GS	CO3. CO4	Lead DFN LCC Omnetics connector, 36 pin female	
GS	1430-30-77-68	1490-30-44-08	000, 004	Ommetics connector, 36 pin remaie	
0402_p	#NAME?	Resistor	Rc1, Rc2, Rn6, Rn7	RES SMD 0.00HM JUMPER 1/10W 0402	
	l				
PWD_CON_	SMD_6_LEAD,	SMD_6_LEAD,	CO2, CObatt, LED2, LED3, LED4, R2,	[NoValue], [NoValue], LED YELLOW	
6, JST-PH-2- TE-TH, LED-	JST-PH-2, #NAME?,	JST-PH-2, LED, LED, LED,	Un1	CLEAR 0603 SMD, LED YELLOW CLEAR 0603 SMD, LED YELLOW CLEAR 0603	
0603, LED-	#NAME?,	Resistor, NM		SMD. RES SMD 1K OHM 1% 1/20W	
0603. LED-	#NAME?,	recolotor, rem		0201, Neuromodulator	
0603,	#NAME?, NM				
0402_p,					
NMv2 0402_p	#NAME?	Resistor	Rc7, Rc8, Rr6	RES SMD 1K OHM 1% 1/10W 0402	
0402_p c0402-Murata		Cap	Cr6	CAP CER 1000PE 50V X5R 0402	1
GR					
c0402-Murata	#NAME?	Cap	Cb20, Cb21, Cb22, Cb23, Cb24, Cb25,	CAP CER 1UF 25V X5R 0402, CAP CER	2
GR			Cb26, Cb27, Cb28, Cb44, Cb45, Cb46,	1UF 25V X5R 0402, CAP CER 1UF 25V	
			Cb47, Cb74, Cb75, Cb76, Cb77, Cb94, Cb95, Cb96, Cb97	X5R 0402, CAP CER 1UF 25V X5R 0402,	
			CD95, CD96, CD97	CAP CER 1UF 25V X5R 0402, CAP CER 1UF 25V X5R 0402, CAP CER 1UF 25V	
				X5R 0402 CAP CER 1UF 25V X5R 0402	
				X5R 0402, CAP CER 1UF 25V X5R 0402, CAP CER 1UF 25V X5R 0402, CAP CER	
				1UF 25V X5R 0	
c0402-Murata			Cr8	CAP CER 2200PF 50V X5R 0402	
GR LEAD REGU		LEAD DECUAL	Ls1. Ls2. Ls3. Ls4	FIXED IND 2 2UH 1A 120 MOHM SMD	
LEAD_REGU LATOR		TOR	LS1, LS2, LS3, LS4	FIXED IND 2.20H 1A 120 MOHM SMD	
c0603-Murata	#NAME?	Cap	C2. C3. C4. C5. Cb31. Cb51. Cb81. CbA1.	CAP CER 4.7UF 25V X6S 0603	10
GR			Cs1, Cs3, Cs5, Cs7		
c0402-Murata	#NAME?	Cap	Cn1	CAP CER 5PF 50V NP0 0402 +-0.1pf	
GR					
0201_p 0402_p	#NAME? #NAME?	Resistor Resistor	R1 Rn2, Rn4, Rr4, Rr5	RES SMD 10K OHM 1% 1/20W 0201 RES SMD 10K OHM 1% 1/10W 0402	
c0201-Murata	0201	Cap	C1	CAP CER 10000PF 25V X5R 0201	
GR					
c0603-Murata	#NAME?	Cap	C9, CbA0, Cn2, Cs2, Cs4, Cs6, Cs8	CAP CER 10UF 25V X5R 0603	1
GR	L	1	000 004 04 00	04 D 05 D 40 D 5 CW / N D 0 0 4 0 0	
c0402-Murata GR	#NAME?		C20, C21, Cr1, Cr2	CAP CER 12PF 50V NP0 0402	
GR c0402-Murata	#NAME?	Cap	Cs9	CAP CER 22PF 50V NP0 0402	
GR		1		DETERMINED	
c0603-Murata	#NAME?	Cap	C12, C15, C18, Cb30, Cb50, Cb80, CbB0	CAP CER 22UF 10V X5R 0603	1
GR	l	L			
0402_p 0402_p	#NAME? #NAME?	Resistor Resistor	Rc3, Rc4, Rc5, Rc6, Rr0, Rr1, Rr2, Rr3 Rn5	RES SMD 33 OHM 1% 1/10W 0402 RES SMD 47K OHM 1% 1/10W 0402	
0402_p c0402-Murata		resistor	Cr7	CAP CER 0.047UF 50V X7S 0402	
GR	moune.		0.7	GET GET GO GO 70 G G G G	
c0201-Murata	#NAME?	Сар	C6, C7, C8, C10, Cb1, Cb2, Cb3, Cb4,	CAP CER 0.1UF 16V X7S 0201	17
GR			Cb5, Cb6, Cb7, Cb8, Cb9, Cb10, Cb11,		
			Cb12, Cb60		
c0402-Murata GR	#NAME?	Cap	C11, C13, C14, C16, C17, C19, Cb40,	CAP CER 0.1UF 16V X7R 0402	26
GR			Cb41, Cb42, Cb43, Cb52, Cb53, Cb54, Cb70, Cb71, Cb72, Cb73, Cb90, Cb91,		
	l		Cb92, Cb93, Cb98, Cn3, Cr3, Cr4, Cr5		
0201_p	#NAME?	Resistor	R3, R4, R5 RL0, RL1, RL2, RL3, RL4	RES SMD 102 OHM 1% 1/20W 0201	:
0402_p	#NAME?	Resistor	RL0, RL1, RL2, RL3, RL4	RES SMD 110 OHM 1% 1/10W 0402	
0402_p	#NAME? #NAME?	Resistor Resistor	Rs2	RES SMD 180K OHM 1% 1/20W 0201	
0402_p	#NAME? #NAME?	Resistor Resistor	Rn1 Rn3	RES SMD 270 OHM 1% 1/10W 0402 RES SMD 499K OHM 1% 1/10W 0402	
0402_p 0402_p	#NAME?	Resistor	Rs1	RES SMD 499K OHM 1% 1/10W 0402 RES SMD 715K OHM 1% 1/20W 0201	
c0402-Murata		Cap, Cap,	Cn4, Cn5, Rn8	Capacitor, Capacitor, Resistor	:
GR, c0402-	l	Resistor			
Murata-GR,	l				
0402_p	l	1			
	L	l			164
Approved		Notes			104
,		1			
		•			