

PIU REV 3v3_B BOM						
Comment	Designator	Footprint	LibRef	Quantity	Value	Notes
Header 2	Batt, P2, SW_in	HDR1X2	Header 2	3		
Cap Semi	C5, C11, C12	0603_Imperial	Cap Semi	3	22pF	
Cap Semi	C6, C7, C9	0603_Imperial	Cap Semi	3	100nF	
Cap Semi	C10, C23, C25, C36	0603_Imperial	Cap Semi	4	10uF	
Cap Semi	C13, C40	0603_Imperial	Cap Semi	2	47pF	
Cap Semi	C14, C21	0603_Imperial	Cap Semi	2	4.7uF	
Cap Semi	C24	0603_Imperial	Cap Semi	1	200pF	
Cap Semi	C26	0603_Imperial	'Cap Semi	1	1uF	
Cap Semi	C22, C31, C32, C33, C34, C35	0603_Imperial	Cap Semi	6	0.1uF	
Cap Semi	C37	0805_Imperial	Cap Semi	1	22uF	
LED1 (Blue)	D2	0603_Imperial	LED1	1		
LED2 (Red)	D21	0603_Imperial	LED2	1		
Header 6	Daughter, Exp, SD	HDR1X6	Header 6	3		
Header 7	IR	HDR1X7	Header 7	1		
0481900001	J1	481900001	0481900001	1		
Inductor	L21	2v2uF_inductor	Inductor	1	2.2uH	
Inductor	L23	3v3uH inductor	Inductor	1	3.3uH	
Header 3X2	P3	HDR2X3	Header 3X2	1		
Res3	R6, R26	0603_Imperial	Res3	2	1K	
Res3	R7	0603_Imperial	Res3	1	10k	
Res3	R11, R12	0603_Imperial	Res3	2	4.7k	
Res3	R22	0603_Imperial	Res3	1	3.01K	
Res3	R23	0603_Imperial	Res3	1	2k	
Res3	R24	0603_Imperial	Res3	1	324K	
Res3	R25	0603_Imperial	Res3	1	105K	
Res3	R27	0603_Imperial	Res3	1	100K	
Ferrite Bead	R29	0805_Imperial	Res3	1	200	
Res3	R31, R32	0603_Imperial	Res3	2	27	
ATmega2560-16AU	U4	100A_N	ATmega2560-16AU	1		
FT230XS-R	U5	SSOP-16_N	FT230XS-R	1		
MODULE BM77	U6	MOD BLUETOOTH BM77	MODULE BM77	1		
LTC3566EUF#PBF	U21	LT-UF-24_N	LTC3566EUF#PBF	1		
Header 10X2A	XB	XBEE_PRO	Header 10X2A	1		
ABM3B-12.000MHZ-B2-	Y1	ABM3B-12.000MHZ-B2-T	ABM3B-12.000MHZ-B2-	1		

Created	Current Revision
Jacob Dixon	V4

Version Change Log	Comment
V1	BOM Init
V2	Updated C24 to correct capacitor value. Added in alt voltage
V3	Changed D21 to Blue LED
V4	Updated BOM to PIU Revision 3v3. Deleted regulator voltage divider passives sub parts. Please use suggested passives values from above.