



PROJECT NAME:	EXAMPLE OF BOM COMPILATION
Schematic Revision:	1.0

POW code(for SRA Only):

July 9, 2019

Note

* Left blank the field if the item(s) shall be assembled.

BILL OF MATERIALS

															MANUFACTURER		Supplier Advices-Not Mandatory		MORE INFO In the Items indicated with "ANY" you can use any Manufacturer
Item	Quantity	Reference	Value	Package	Description	Voltage	Ampere	Watt	Tolerance	* Assembly Information	Manufacturer	Manufacturer's ordering code Orderable Part Number	Supplier Distributor	Supplier Distributor Sales Code					
Designator	Quantity	1	9	AAT A, AAT B, C10, C50, TP200, TP201, TP202, TP203, TP204															
AAT A, AAT B, C10, C50, TP200, TP201, TP202, TP203, TP204	9	2	8	C100, C200, C207, C210, C212, C216	2u2, XSR	6.3V			20%		MURATA	GRM155R60J22M1E1SD							
C100, C108, C207, C210, C212, C216	4	3	1	C200	1u, XSR	25V			10%		MURATA	GRM155R60C100KA1ZD							
C200	1	4	8	C201, C202, C204, C206, C208, C209, C211, C215	10u, X7R	25V			10%		AVX	9403JC103KAT2A							
C201, C202, C204, C206, C208, C209, C211, C215	8	5	1	C205	4u7, XSR	6.3V			10%		TDK	E1005X3R0474X008C							
C205	1	6	4	C213, C214, C201, C212	100, C10J	50V			1%		MULTICOMP	MC0802W0400R0P01							
C213, C214, C201, C212	4	7	1	C217	100, X7R, NC	25V			10%	NOT FITTED	AVX	9403JC103KAT2A NOT FITTED							
C217	1	8	1	C218	2u2, XSR, NC	6.3V			20%		MURATA	GRM155R60J22M1E1SD NOT FITTED						ANY	
C218	1	9	2	C300, C313	1800, COG				1%		MURATA	GRM188BC1H181GA01D							
C300, C313	2	10	3	C302, C311, C314	VARIABLE CAPACITOR L380WVY000-004						SHARQU	L380WVY000-004							
C302, C311, C314	3	11	2	C304, C307	VARIABLE CAPACITOR L380WVY000-004, NC					NOT FITTED	SHARQU	L380WVY000-004							
C304, C307	2	12	2	C303, C310	1000, COG	50V			1%		MURATA	GRM188BC1H101FA01D						ANY	
C303, C310	2	13	2	C305, C308	8800, COG				2%		MURATA	GRM188BC1H881GA01D							
C305, C308	2	14	2	C306, C309	800, COG						MURATA	GRM188BC1H680FA01D							
C306, C309	2	15	2	C315, C316	800, COG						MURATA	GRM188BC1H800FA01D							
C315, C316	2	16	1	C317	470, COG, NC					NOT FITTED	MURATA	GRM188BC1H470FA01D							
C317	1	17	1	C305	Header, 10-Pin, Single row female						Samtec	ESQ-110-03-L-S							
C305	1	18	2	C306, C309	Header, 6-Pin, Single row female						Samtec	ESQ-106-03-L-S							
C306, C309	2	19	1	C308	Header, 6-Pin, Single row female						Samtec	ESQ-106-03-L-S							
C308	1	20	1	D300							Diodes Inc	BAV70W-7-F							
D300	1	21	1	D301	Male Single Row Horizontal 2 pin, NC					NOT FITTED									
D301	1	22	2	L300, L301	20W18CNR017000		550mA				TDK	ML7500W00277000							
L300, L301	2	23	1	LED100							Lite-On	ELST-C1906GKT							
LED100	1	24	6	LED101, LED102, LED103, LED104, LED105, LED106							Lite-On	ELST-C1907BKT							
LED101, LED102, LED103, LED104, LED105, LED106	6	25	4	P300, P301, P302, P303	UFL-R-SMT-1 NOT FITTED					NOT FITTED	MBROSE(PHE)	UFL-R-SMT-1(U10) NOT FITTED							
P300, P301, P302, P303	4	26	1	P300	4-20 mA MOS FET, N-CHANNEL						NEOSPERA	NE0300000							
C300	1	27	1	R100	8800, 0402	100V		1/16	5%		Vigoro	PC0402UR-078800L							
R100	1	28	6	R101, R102, R103, R104, R105, R106	1k, 0402						Paragonic	PR0402F1002X							
R101, R102, R103, R104, R105, R106	6	29	2	R116, R117	100k, 0402 NOT FITTED					NOT FITTED	MULTICOMP	MC0802SW0402118K NOT FITTED							
R116, R117	2	30	2	R300, R302	50k, 0402	50V					MULTICOMP	MC0802SW04021R							
R300, R302	2	31	1	R304	8k, 0402 NOT FITTED					NOT FITTED	MULTICOMP	MC0802SW040216R NOT FITTED							
R304	1	32	1	R305	8k, 0402						MULTICOMP	MC0802SW040210R							
R305	1	33	2	R306, R302	24k, 0403						Paragonic								
R306, R302	2	34	1	R301	100k, 0402						ANY								
R301	1	35	1	R303	47k, 0402						ANY								
R303	1	36	1	R304	8k, 0403						Paragonic								
R304	1	37	11	DT1, DT3, DT5, DT7, DT8, DT11, DT13, DT14, DT16, DT18, DT20	CONN H614 2PFS MALE VERTICAL NOT FITTED					NOT FITTED									
DT1, DT3, DT5, DT7, DT8, DT11, DT13, DT14, DT16, DT18, DT20	11	38	9	DT2, DT4, DT6, DT10, DT12, DT15, DT17, DT19, DT21	CONN H614 2PFS MALE VERTICAL NOT FITTED					NOT FITTED									
DT2, DT4, DT6, DT10, DT12, DT15, DT17, DT19, DT21	9	39	1	U200	NFC Initiator / HF Reader IC						STMicroelectronics	ST20R3916-AQIMCT-ND							
U200	1	40	1	V200	NDK NX2016SA 27.12MHz						MURATA	NK0216SA-STD-C25-5.27.12MHz							