



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

Designator	Quantity	Item	Quantity	Reference	Value	Package	Description	Voltage	Ampere	Watt	Tolerance	* Assembly Information	MANUFACTURER		Supplier Advices-Not Mandatory		MORE INFO If the Items indicated with "ANY" you can use any Manufacturer	
													Manufacturer	Manufacturer's ordering code Orderable Part Number	Supplier Distributor	Supplier Distributor Sales Code		
AAT A, AAT B, C1, C50, TP200, TP201, TP202, TP203, TP204	1	9	9	AAT A, AAT B, C1, C50, TP200, TP201, TP202, TP203, TP204														
C200, C201, C202, C203, C204, C205, C210, C212, C216	2	6	6	C200, C201, C202, C203, C204, C205, C210, C212, C216	3u2_XSR	0402	MLCC_XSR	6.3V				20%	MURATA	GRM1596G225M1E1D				
C201, C202, C203, C204, C205, C210, C212, C216	4	3	1	C205	1u_XSR	0402	MLCC_XSR	25V				10%	MURATA	GRM1596G105KA1D				
C201, C202, C204, C206, C208, C209, C211, C215	1	4	8	C201, C202, C204, C206, C208, C209, C211, C215	10u_X7R	0402	MLCC_X7R	25V				10%	AVX	9403C103KAT2A				
C201, C202, C204, C206, C208, C209, C211, C215	8	5	1	C205	4u7_XSR	0402	MLCC_XSR	6.3V				10%	TDK	E1005XSR475K050BC				
C211, C214, C301, C312	1	6	4	C214, C214, C301, C312	10u_CDV	0603	MLCC_NPO	50V				1%	MULTICOMP	MC0603W04021R685 NOT FITTED				
C217	4	7	1	C217	10u_X7R NC	0402	MLCC_X7R	25V				10%	AVX	9403C103KAT2A NOT FITTED				
C218	1	8	1	C218	3u2_XSR NC	0402	MLCC_XSR	6.3V				NOT FITTED	MURATA	GRM1596G225M1E1D NOT FITTED				ANY
C300, C310	1	9	2	C300, C310	180u_C0G	0603	MLCC_NPO	50V				1%	MURATA	GRM188C1H18IGAD1D				
C301, C311, C314	2	10	3	C300, C311, C314	VARIABLE CAPACITOR 180pF/1000pF/50pF	CSP_06_06							Infineon	SRW01V060-054				
C304, C307	2	11	2	C304, C307	VARIABLE CAPACITOR 180pF/1000pF/50pF NC	CSP_06_07							Infineon	SRW01V060-054				
C303, C310	2	12	2	C303, C310	100u_C0G	0603	MLCC_NPO	50V				1%	MURATA	GRM188C1H10FA01D				ANY
C303, C310	2	13	2	C303, C308	880u_C0G	0603	MLCC_NPO					2%	MURATA	GRM188C1H88IGAD1D				
C305, C306	2	14	2	C306, C309	50u_C0G	0603	MLCC_NPO						MURATA	GRM188C1H50FA01D				
C306, C309	2	15	2	C315, C316	82u_C0G	0603	MLCC_NPO						MURATA	GRM188C1H82FA01D				
C315, C316	2	16	1	C317	47u_C0G NC	0603	MLCC_NPO						MURATA	GRM188C1H47FA01D				
C317	1	17	1	C305	Header: 10 Pin, Single row female								Samtec	ESQ-10-03-L-5				
C365	1	18	2	C365, C369	Header: 8 Pin, Single row female								Samtec	ESQ-10B-03-L-5				
C365, C369	2	19	1	C368	Header: 6 Pin, Single row female								Samtec	ESQ-10B-03-L-5				
C368	1	20	1	D300		SOT23	DUAL SURFACE MOUNT SWITCHING DIODE						Diodes Inc	BAV70W-7-F				
D300	1	21	1	D300	Male Single Row Horizontal 2 pin, NC							NOT FITTED						
D301	1	22	2	L300, L301	SPW18CNB17000	0603	Multi Layer Ferrite		550mA				TDK	ML1508W0227000				
L300, L301	2	23	1	L300	LED100	0603	Green LED						Lite-On	15T-C190GKT				
LED100	1	24	6	LED101, LED102, LED103, LED104, LED105, LED106	LED101, LED102, LED103, LED104, LED105, LED106	0603	Blue LED						Lite-On	15T-C190T8KT				
LED101, LED102, LED103, LED104, LED105, LED106	6	25	4	P200, P201, P202, P203	JFL-R-SMT-1 NOT FITTED								MBROSEHEI	JFL-R-SMT-1(10) NOT FITTED				
P200, P201, P202, P203	4	26	1	P200	IC24 MCM2 Ser. NCR000000	SOT23							NEOSERA	NCR000000				
R200	1	27	1	R100	820R_0402	0402		100V		1/16	5%		Vyco	PC0402UR-07800L				
R100, R102, R103, R104, R105, R106	1	28	6	R101, R102, R103, R104, R105, R106	1k_0402								Parsonic	FR040210X				
R101, R102, R103, R104, R105, R106	6	29	2	R116, R117	100k_0402 NOT FITTED	0402						NOT FITTED	MULTICOMP	MC0603SW04021R685 NOT FITTED				
R106, R117	2	30	2	R200, R202	50k_0402	0402		50V					MULTICOMP	MC0603W04021R685 NOT FITTED				
R200, R202	2	31	1	R204	8R_0402 NOT FITTED							NOT FITTED	MULTICOMP	MC0603SW04021R685 NOT FITTED				
R204	1	32	1	R205	8R_0402								MULTICOMP	MC0603SW04021R685 NOT FITTED				
R205	1	33	2	R30A, R30B	24k_0402								Parsonic	ANY				
R30A, R30B	2	34	1	R301	100k_0402								ANY					
R301	1	35	1	R303	47k_0402								ANY					
R303	1	36	1	R304	8R_0402								Parsonic	ANY				
R304	1	37	11	ST1, ST3, ST6, ST7, ST8, ST11, ST13, ST14, ST16, ST18, ST20	CONN MH4 3PFS MALE VERTICAL NOT FITTED							NOT FITTED						
ST1, ST3, ST6, ST7, ST8, ST11, ST13, ST14, ST16, ST18, ST20	11	38	9	ST2, ST4, ST5, ST10, ST12, ST15, ST19, ST21	CONN MH4 2PFS MALE VERTICAL NOT FITTED							NOT FITTED						
ST2, ST4, ST5, ST10, ST12, ST15, ST19, ST21	9	39	1	U200	NFC Inverter / HF Reader IC								STMicroelectronics	ST253916-AQIMCT-ND				
U200	1	40	1	V200	DKM NX2016SA 27 12MHz								MURATA	NX2016SA STD-C25-27.12MHz				