

STW81200 EVAL BOM

Reference	Part	Manufacturer	Part Number	Populated
C1	C_47N_1206_C0G_J_50	Murata	GRM31M5C1H473JA01	Y
C2	C_4N7_0805_C0G_J_50	Murata	GRM2165C1H472JA01	Y
C3,C4	C_680P_0603_C0G_J_16	Murata	GRM1885C1E681JA01	Y
C5,C8,C13,C17,C20,C23	C_10U_0603_X5R_K_16	Murata	GRM188R61C106MA73	Y
C6	C_27U_EMIFIL_CAP	Murata	NFM31PC276B0J3	Y
C7,C16,C18,C19,C22	C_220N_0402_X7R_K_16	Murata	GRM155R71C224KA12	Y
C10	C_1000P_0402_C0G_K_50	Murata	GRM1555C1H102JA01	Y
C11,C14,C44,C45,C47,C48	C_100N_0402_X7R_K_16	Murata	GRM155R71C104KA88	Y
C12,C15,C21	C_10N_0402_C0G_K_25	Murata	GRM155R71E103KA01	Y
C30,C39	C_10P_0402_C0G_K_25	Murata	GRM1555C1H100JA01	Y
C31	C_470P_EMIFIL_CAP	Murata	NFM18CC471R1C3	Y
C32,C51	C_27U_EMIFIL_CAP	Murata	NFM31PC276B0J3	Y
C34,C35,C36,C37,C38,C40	C_100P_0402_C0G_K_25	Murata	GRM1555C1E101JA01	Y
C49,C52	C_18P_0603_C0G_J_50	Murata	GRM1885C1H180JA01	Y
DL1	KP2012MGC	Kingbright	KP2012MGC	Y
DL2	KP2012MGC	Kingbright	KP2012MGC	Y
DL3	KP2012EC	Kingbright	KP2012EC	Y
JP1	Jumper_2	Samtec	HTSW-102-07-G-S	Y
J1	5V	Emerson Network Power Connectivity Solutions	105-0752-001	Y
J2	GND	Emerson Network Power Connectivity Solutions	105-0753-001	Y
J3	CONN_10PIN_2.54mm_INT	TE Connectivity	2-176 1603-3	DEPOP
J4,J8	PSF-S01-007	Gigalane	PSF-S01-007	DEPOP
J5,J6,J7,J9	PSF-S01-007	Gigalane	PSF-S01-007	Y
MF1,MF2,MF3,MF4	3M HOLE	Keystone	25510	Y
M1	usb1232h-ds-v13	DLP design	USB1232H-ds-v13	Y
R_FL1	R_510R_0603_F	Yageo	RC0603FR-07510RL	DEPOP
R1	R_150_0603_F	Yageo	RC0603FR-07150RL	Y
R3	R_120_0603_F	Yageo	RC0603FR-07120RL	Y
R4	R_220R_0603_F	Yageo	RC0603FR-07220RL	Y
R5,R15,R17,R22,R24,R25, R26,R30,R31,R32,R33,R35,	R_OR0_0402	Panasonic	ERJ-2GE0R00X	Y
R39,R40,R41				
R6,R7,R14	R_OR5_0402_F	Yageo	RL0402FR-070R5L	Y
R8,R12	R_OR2_0402_F	Yageo	RL0402FR-070R2L	Y

R9,R10	R_470_0402_F	Yageo	RC0402FR-07470RL	Y
R11	R_1k_0603_F	Yageo	RC0603FR-071KL	Y
R16,R18	R_ORO_0402	Panasonic	ERJ-2GE0R00X	DEPOP
R23	R_100R_0402	Panasonic		DEPOP
R27	R_51R_0402	Panasonic		DEPOP
R28	R_3K6_0603_F	Yageo	RC0603FR-073K6L	DEPOP
R29	R_ORO_0603	Panasonic		DEPOP
R36	R_33k_0603_F	Yageo	RC0603FR-0733KL	Y
R37	R_120K_0603_F	Yageo	RC0603FR-07120KL	Y
R38	R_1K0_0603_F	Yageo	RC0603FR-071KL	Y
S1	SWITCH 1X2	EOZ	09.03201.02	Y
TP1	5V0	Keystone	5005	Y
TP2,TP10	GND	Keystone	5006	Y
TP3	LD_SDO	Keystone	5005	DEPOP
TP4	SDI	Keystone	5005	DEPOP
TP5	CLK	Keystone	5005	DEPOP
TP6	LE	Keystone	5005	DEPOP
TP7	PD_RF1	Keystone	5005	DEPOP
TP8	PD_RF2	Keystone	5005	DEPOP
TP9	PD	Keystone	5005	DEPOP
TP11	VCTRL	Keystone	5005	DEPOP
T1,T2	Ana_B0430J50100A00	Anaren	B0430J50100A00	Y
U1	STW81200			Y
U4	ZComm_CLVxxxxx	ZComm	N.A.	DEPOP
U5	3pin Jumper	Samtec	PHT-103-01-L-S	Y
U7	IQD_CPFS-32	IQD	LFSPX0056090	Y
X1	NX2520SA 50 MHz S1-2070-1010-10(NDK)	NDK	NX2520SA	Y
C1	C_47N_1206_COG_J_50	Murata	GRM31M5C1H473JA01	Y
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C30,C39	C_10P_0402_COG_K_25	Murata	GRM1555C1H100JA01	Y

NOTE: DEPOP stands for not populated