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A		B		C		D		E	
Bill Of Materials side					Bill Of Materials side				
Line #	Designator	Name	Quantity	Line #	Designator	Name	Quantity		
10	C1.1, C1.2, C23, C59, C61, C84.1, C84.2, C88.1, C88.2, C203, C204	100n 10% 50V X7R	11	690	R121	560K 1% 0603	1		
20	C7.1, C7.2, C85.1, C85.2, C86.1, C86.2, C87.1, C87.2, C202, C205	1n0 10% 50V C0G	10	700	R128, R129, R142, R143	0R5 1% 1206	4		
30	C12, C19, C20, C22, C24, C25, C26, C27	100n 10% 50V X7R	8	750	T1, T2.1, T2.2, T2.3, T2.4, T2.5, T2.6, T2.7, T2.8	ETC1-1-13TR	9		
50	C29	220n 10% 6.3V X7R	1	760	TP1, TP2, TP3, TP4, TP5, TP6, TP11, TP12, TP13, TP14, TP15	S1751-46	11		
60	C30	270p 10% 50V C0G	1	770	U1.1, U1.2	EV10AQ190AVTPY	2		
70	C31	120p 10% 50V C0G	1	790	U3	AD9518-1ABCPZ	1		
80	C32	3n9 10% 50V X7R	1	800	U6	FT2232HL	1		
90	C33, C34, C35, C158.1, C158.2, C158.3, C158.4, C158.5, C158.6, C158.7, C158.8, C159.1, C159.2, C159.3, C159.4, C159.5, C159.6, C159.7, C159.8, C160.1, C160.2, C160.3, C160.4, C160.5, C160.6, C160.7, C160.8	ATC530L	27	810	U7, U27	93AA46BT-I/SN	2		
	C51, C52	27p 10% 50V C0G	2	820	U8, U10, U11, U12	LT1764AEQ	4		
	C53, C54, C60, C63, C68, C184, C193.1, C193.2, C193.3, C193.4	330u 20% 16V	10	850	U32	LTC2050HVIS5#TRMPBF	1		
	C55, C64, C69	10u 10% 6.3V X7R	3	860	U17.1, U17.2	LT1638IS8#PBF	2		
180	C183, C194	150u 20% 16V	2	870	U18.1, U18.2, U31	ADR512ARTZ-REEL7	3		
190	C185	4u7 10% 25V X7R	1	880	U19	XC6VLX240T-2FFG1156I	1		
200	C187.1, C187.2, C187.3, C187.4, C188.1, C188.2, C188.3, C188.4, C189, C190, C191, C192	47u 10% 6.3V X7R	12	890	U21	S29GL512S11DHIV23	1		
210	C195.1, C195.2, C195.3, C195.4	22u 10% 16V X7R	4	910	U25, U26	TXB0108RGYR	2		
220	C198.1, C198.2, C198.3, C198.4	6p8 10% 50V C0G	4	920	U30.1, U30.2, U30.3, U30.4	LTM4638IY#PBF	4		
260	C201.1	220p 10% 50V C0G	1	930	X4	DV75D-020.0M	1		
270	C201.2, C201.3	180p 10% 50V C0G	2	940	X2	12MHz	1		
280	C201.4	100p 10% 50V C0G	1						
290	D1, D3, D6	LED 0805 GREEN	3						
300	D2, D7	LED 0805 RED	2						
310	D4.1, D4.2, D5.1, D5.2	BAV99,235	4						
320	F4	30.0 Ω @ 100.0MHz	1						
330	F7, F8, F9	2n2 25V/6A	3						
340	FID1, FID2, FID3	FID	3						
350	J10	632723300011	1						
360	J11	G125-MH11005L5P	1						
370	L8	744325072	1						
380	Q1, Q4	BSS123	2						
390	Q2, Q3, Q5	FDN338P	3						
400	R4	0R0 Jumper 0603	1						
440	R13	2K4 1% 0402	1						
450	R14	1K2 1% 0402	1						
470	R16, R19	27R 1% 0402	2						
480	R17, R18, R81.1, R81.2, R81.3, R81.4, R81.5, R81.6, R81.7, R81.8, R82.1, R82.2, R82.3, R82.4, R82.5, R82.6, R82.7, R82.8, R83.1, R83.2, R83.3, R83.4, R83.5, R83.6, R83.7, R83.8	51R 1% 0402	26						
490	R24, R65, R69, R70.1, R70.2, R74.1, R74.2, R75.1, R75.2, R79.1, R79.2, R133.1, R133.2, R133.3, R133.4	10K 1% 0603	15						
500	R34, R36	2K2 1% 0603	2						
501	R101	150R 1% 0603	1						
502	R102	470R 1% 0603	1						
510	R71.1, R71.2, R73.1, R73.2, R76.1, R76.2, R78.1, R78.2	12K 1% 0603	8						
520	R30, R37	0R01 1% 1206	2						
530	R32, R39, R41, R42, R44	4K7 1% 0603	5						
540	R33, R40, R43, R46	2K7 1% 0603	4						
550	R80.1, R80.2, R135, R136	1K0 1% 0603	4						
560	R45	1K3 1% 0603	1						
580	R48.1	90K9 0.1% 0603	1						
590	R48.2	19K1 0.1% 0603	1						
600	R48.3	21K5 0.1% 0603	1						
610	R48.4	11K3 0.1% 0603	1						
630	R134, R137	120K 1% 0603	2						
640	R72.1, R72.2, R77.1, R77.2	100R 1% 0603	4						
680	R120	10K 0805 1% NTC	1						



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Title: Assembly Drawing

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Bill Of Materials side				
Line #	Designator	Name	Quantity	
10	C2.1, C2.2, C5.1, C5.2, C8, C9, C10, C11, C21, C28, C36, C37, C38, C39, C40, C42, C43, C44, C47, C49, C50, C57, C65, C70, C161, C162, C163, C164, C165, C166, C167, C168, C176, C177, C178, C179, C180, C181, C182, C199.1, C199.2, C199.3	100n 10% 50V X7R	42	
20	C3.1, C3.2, C4.1, C4.2, C6.1, C6.2	1n0 10% 50V C0G	6	
40	C13, C14, C15, C16, C17, C18, C113.1, C113.2, C114.1, C114.2, C115.1, C115.2, C116.1, C116.2, C117.1, C117.2, C118.1, C118.2, C119.1, C119.2, C120.1, C120.2, C121.1, C121.2, C122.1, C122.2, C123.1, C123.2, C124.1, C124.2, C125.1, C125.2, C126.1, C126.2, C127.1, C127.2, C128.1, C128.2, C129.1, C129.2, C130.1, C130.2, C131.1, C131.2, C132.1, C132.2, C133.1, C133.2, C134.1, C134.2, C135.1, C135.2, C136.1, C136.2, C137.1, C137.2, C147.1, C147.2, C148.1, C148.2, C149.1, C149.2, C150.1, C150.2, C151.1, C151.2, C152.1, C152.2, C153.1, C153.2, C154.1, C154.2, C157.1, C157.2	220p 10% 50V C0G	74	
100	C41, C45, C46, C48	4u7 10% 10V X7R	4	
110	C197.1, C197.2, C197.3, C197.4	27p 10% 50V C0G	4	
120	C169, C170, C171, C172, C173	330u 20% 16V	5	
130	C58, C66, C71	10u 10% 6.3V X7R	3	
140	C56, C175	10n 10% 50V X7R	2	
150	C89.1, C89.2, C138.1, C138.2, C155.1, C155.2	10u 20% 25V	6	
160	C90.1, C90.2, C91.1, C91.2, C92.1, C92.2, C93.1, C93.2, C94.1, C94.2, C95.1, C95.2, C96.1, C96.2, C97.1, C97.2, C98.1, C98.2, C99.1, C99.2, C100.1, C100.2, C101.1, C101.2, C102.1, C102.2, C103.1, C103.2, C104.1, C104.2, C105.1, C105.2, C106.1, C106.2, C107.1, C107.2, C108.1, C108.2, C109.1, C109.2, C110.1, C110.2, C111.1, C111.2, C112.1, C112.2, C139.1, C139.2, C140.1, C140.2, C141.1, C141.2, C142.1, C142.2, C143.1, C143.2, C144.1, C144.2, C145.1, C145.2, C146.1, C146.2, C156.1, C156.2	33n 10% 50V X7R	64	
170	C174, C199.4	470n 10% 6.3V X7R	2	
230	C200.1	56p 10% 50V C0G	1	
240	C200.2, C200.3	47p 10% 50V C0G	2	
250	C200.4	39p 10% 50V C0G	1	
320	F1, F2, F5, F6	30.0 Ω @ 100.0MHz	4	
400	R113, R114, R115, R117	0R0 Jumper 0603	4	
410	R5, R6, R7, R8, R9, R10	200R 1% 0402	6	
420	R11	4K12 0.1% 0603	1	
430	R12	5K1 1% 0603	1	
460	R15, R28, R29, R110	330R 1% 0603	4	
490	R20, R21, R22, R26, R27, R65.1, R65.2, R69.1, R69.2, R124, R125, R126, R127	10K 1% 0603	13	
500	R23	2K2 1% 0603	1	
510	R25, R132.4	12K 1% 0603	2	
530	R58.1, R58.2, R59.1, R59.2, R60.1, R60.2, R61.1, R61.2, R62.1, R62.2, R64.1, R64.2, R92, R93, R94, R95, R96, R97, R98, R99, R100, R103, R104, R105, R106, R107, R108, R111, R112, R123	4K7 1% 0603	30	
570	R47.1, R47.2, R47.3, R47.4	680K 1% 0603	4	
620	R63.1, R63.2	0R0 Jumper	2	
630	R66.1, R66.2, R68.1, R68.2	120K 1% 0603	4	
640	R67.1, R67.2, R122	100R 1% 0603	3	
650	R116	15K 1% 0603	1	
660	R118	47K 1% 0603	1	
670	R109, R119	200R 1% 0603	2	
710	R132.1	5K49 0.1% 0603	1	
720	R132.2	5K6 1% 0603	1	
730	R132.3	7K5 1% 0603	1	
740	R144.1, R144.2, R144.3, R144.4, R145.1, R145.2, R145.3, R145.4	10R 1% 0603	8	
760	TP7, TP8, TP9, TP10	S1751-46	4	
780	U2, U4, U5, U14.1, U14.2, U20, U28, U29	SN74AHC125D	8	
830	U9	LMC7101BIM5/NOPB	1	
840	U15.1, U15.2, U22, U24	74AHC1G125	4	
850	U16.1, U16.2	LTC2050HVIS5#TRMPBF	2	
900	U23	MAX825TEUK	1	
930	X1	DV75D-020.0M	1	



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