

Revision:

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Item	QTY	DNI	Reference	Manuf Part Number	Manufacturer	Value	PCB Footprint
1	1		C1	12101C105K4T2A	AVX	1uF	1210
2	5		C2,C6,C7,C8,C9	CGA2B2C0G1H102J050BA	TDK	1000pF	402
3	3		C3,C4,C11	EEE-HA1H221P	Panasonic	220uF	CAP-HA-V-CASE-G_PAN
4	1		C5	GCM21BR72A104KA37L	Murata	0.1uF	805
5	5		C10,C90,C120,C525, 2,C24,C30,C31,C34, C35,C39,C40,C43,C4 4,C49,C51,C52,C54, C55,C58,C59,C61,C6 3,C65,C66,C67,C73, C125,C126,C503,C5 04,C505,C519,C521, C523,C524,C526,C5 29,C530,C532,C533, C534,C535,C536,C5 37,C538,C541,C542, C544,C545,C546,C5	GCM1555C1H331JA16D	Murata	330 pF	402
6	59		47,C548,C556,C557, C13,C25,C26,C27,C3	GCM155R71C104KA55D	Murata	0.1uF	402
7	9		7,C45,C46,C62,C531	GCM21BR70J106KE22L	Murata	10uF	805
8	1		C14	GCM1885C1H182JA16D	Murata	1800 pF	603

			C16,C18,C19,C20,C23,C28,C29,C32,C33,C36,C38,C41,C42,C48,C50,C60,C512,C52				
9	18	2	GCM155R71H103KA55D	Murata	0.01uF		402
10	1	C47	GCM188R72A682KA37D	Murata	6.8nF		603
11	1	C53	GCM1555C1H220JA16D	Murata	22pF		402
12	1	C56	GCM1885C1H332JA16D	MURATA	3.3nF		603
13	1	C57	CGA2B2NP01H6R8D050BA	TDK	6.8pF		402
			C64,C69,C72,C77,C84,C87,C91,C95,C96,C97,C112,C114,C506,C520,C528,C540,C				
14	17	543	GCM188R70J225KE22D	Murata	2.2 uF		603
			C68,C74,C121,C124,				
15	5	C527	GCM31CR70J226KE23L	Murata	22uF		1206
			C70,C78,C81,C83,C85,C92,C93,C94,C98,C100,C101,C103,C104,C105,C106,C110,				
16	18	C115,C117	GCM155R71C104KA55D	Murata	0.1uF	0402-1MM	
			C71,C75,C76,C79,C80,C82,C86,C88,C89,C99,C102,C107,C11				
17	15	1,C113,C116	GCM155R71H103KA55D	Murata	0.01uF	0402-1MM	
			C108,C109,C119,C5				
18	4	52	CGA3E2X7R1H103K080AA	TDK	0.01uF		603
19	2	C118,C122	CGA4J3X7R1E225K125AB	TDK	2.2uF		805
20	2	C123,C501	GCM1885C1H330JA16D	Murata	33pF		603
			C500,C515,C517,C5				
21	7	18,C550,C555,C558	CGA3E2X7R1E104K080AA	TDK	0.1uF		603
			C502,C508,C511,C5				
22	4	14	GCM32ER71H475KA55L	Murata	4.7 uF		1210
23	2 DNI	C507,C509	CGA2B2C0G1H102J050BA	TDK	1000pF		402
24	1	C510	GCM188R71C104KA37D	Murata	0.1uF		603
25	1	C516	GCM21BR71H104KA37L	Murata	.1 uF		805
26	2	C549,C551	CGA3E1X7R1E105K080AC	TDK	1uF		603

27	2	C553,C554	CGA2B2C0G1H120J050BA	TDK	12pF	402
28	2 DNI	C563,C564	GCM155R71C104KA55D	Murata	0.1uF	402
29	2	DN1,DN2	BAT54SFILMY	ST Micro	BAT54SFILMY	SOT23-3_FC
30	1	D1	SMAZ20-13-F	Diodes Inc	SMAZ20-13-F	DO214AC_SMA
31	3	D2,D3,D5	NSR0320MW2T1G	ON Semiconductor	NSR0320MW2T1G	SOD-323_ONSEMI
32	2	D4,D500	STPS1045BY-TR	ST Micro	STPS1045BY-TR	REG-DPAK-STP_ST
33	2	D501,D502	SS3P3-M3/84A	Vishay	SS3P3-M3/84A	DIO-DO220AA-SMP-REV_VISH
34	1	D503	SML-LX0402SIC-TR	LUMEX OPTO	LED	0402DIO-REV
35	1	D504	SML-LX0402SUGC-TR	LUMEX OPTO	LED	0402DIO-REV
36	4	F2,F500,F501,F502	MMZ2012R601AT000	TDK	600 Ohm	805
37	2	F3,F4	BLM15AG601SN1D	Murata	600 OHM	0402-1MM
38	1	H1	95278-101A14LF	FCI	95278-101A14LF	CONN14-95278_FCI
39	1 DNI	H2	68000-109HLF	FCI	68000-109HLF	HDR2X5
40	2	J1,J11	5023520600	Molex Inc	5023520600	CONN6-502352_MLX
41	1	J2	5023520800	Molex Inc	5023520800	CONN8-502352_MLX
42	1	J3	5023520200	Molex Inc	5023520200	CONN2-502352_MLX
43	1	J4	046288050000846+	AVX Corp/Kyocera Corp	046288050000846+	CONN50-6288_KYO
44	1	J5	10029449-001RLF	FCI	HDMI CONN	CONN19-HDMI-10029449-111RLF_FCI
45	2 DNI	J6,J8	BM06B-SRSS-TB(LF)(SN)	JST	BM06B-SRSS	CONN6-BM06B-SRSS-TB_JST
46	1 DNI	J7	53398-0671	Molex	53398-0671	CONN6-53398_MOLEX
47	1 DNI	J9	BM04B-SRSS-TB(LF)(SN)(P)	JST	BM04B-SRSS	CONN4-BM04B-SRSS-TB_JST
48	1	J10	5600200720	Molex Inc	5600200720	CONN7-560020_MLX
49	1	J13	501940-0307	MOLEX	501940-0307	CONN3-501940
		L1,L3,L4,L5,L6,L500,				
50	8	L502,L503	MI0603J680R-10	Laird	68 OHM	603
51	1	L2	XAL1010-153MEB	Coilcraft	15uH--XAL1010-153	IND2-XAL1010-153_COIL
52	2	L7,L8	XFL3010-332MEB	Coilcraft	3.3uH	IND2-XFL-3010_COIL
53	1	L501	MSS7341T-563MLB	Coilcraft	56uH	IND-MSS7341
		MH1,MH2,MH3,MH				
54	4 DNI	4	Not a part		MOUNTING_HOLE	MH-8
55	5	Q1,Q4,Q5,Q6,Q7	DMN4800LSS-13	Diodes Inc	DMN4800LSS-13	SOIC8
56	1 DNI	Q2	2N7002BK,215	NXP Semiconductors	2N7002BK,215	SOT23-3_FC
57	1	Q3	SQD50P06-15L-GE3	Vishay Siliconix	SQD50P06-15L-GE3	TO_252AA_VIS
58	1	Q8	MMBT4403LT3G	ON Semiconductor	MMBT4403LT3G	SOT23-3_FC
59	2	Q9,Q10	MMBT4401LT3G	ON Semiconductor	MMBT4401LT3G	SOT23-3_FC
		Q11,Q12,Q13,Q14,				
60	6	Q500,Q501	2N7002BK,215	NXP Semiconductors	2N7002BK,215	SOT23-3_FC
61	3	RN1,RN2,RN3	EXB-2HV330JV	Panasonic		33 RNET16-EXB-2HV_PAN

		R1,R6,R48,R528,R53					
62	7	6,R600,R604	ERJ-2GE0R00X	Panasonic		0	402
63	1 DNI	R2	ERJ-2RKF1501X	Panasonic	1.5K		402
64	4	R3,R4,R5,R10	ERJ-2GEJ2R0X	Panasonic		2	402
65	1	R7	ERJ-2RKF4990X	Panasonic		270	402
66	1	R8	ERJ-8GEYJ2R0V	Panasonic		2	1206
67	1	R9	LRF2512-R020FW	TT Electronics/Welwyn		0.02	2512
68	3	R11,R12,R13	ERJ-3GEYJ1R0V	Panasonic		1	603
69	1	R14	ERJ-3EKF2491V	Panasonic	2.49K		603
70	1	R15	ERJ-2RKF7153X	Panasonic	715K		402
71	3	R16,R47,R77	ERJ-2RKF5622X	Panasonic	56.2K		402
		R17,R35,R78,R79,R80,R81,R82,R88,R92,R94,R97,R100,R103,R112,R121,R124,R126,R129,R502,R511,R534,R539,R548,R556,R557					
72	25	56,R557	ERJ-3GEYJ103V	Panasonic	10K		603
		R18,R19,R20,R21,R22,R23,R24,R26,R27,R28,R29,R30,R31,R32,R33,R36,R37,R38,R39,R40,R42,R43,R45,R50,R51,R52,R53,R56,R64,R65,R66,R67,R68,R69,R70,R71,R72,R73,R74,R75,R7					
73	41	6	ERJ-2GEJ560X	Panasonic		56	402
74	2	R25,R550	RMCF0402FT100R	Stackpole		100	402
		R34,R518,R519,R520,R521,R541,R552,R					
75	8	555	ERJ-3GEYJ222V	Panasonic	2.2K		603
76	1 DNI	R41	PAT0603E4000BST1	Vishay Thin Film		400	603
77	1	R46	ERJ-2RKF1543X	Panasonic	154K		402
78	1	R49	RMCF0402FT1K00	Stackpole	1K		402

		R54,R57,R559,R560,					
79	7	R601,R602,R603	RMCF0402FT10K0	Stackpole	10K		402
80	1	R55	ERJ-2GEJ514X	Panasonic	510K		402
81	1	R58	3224W-1-502E	Bourns Inc.	5K	POT-3224W_BOURNS	
82	1	R59	ERJ-2RKF66R5X	Panasonic		66.5	402
83	1	R60	RMCF0402FT100K	Stackpole	100K		402
84	1	R61	ERJ-2RKF3300X	Panasonic		330	402
85	1	R62	ERJ-2RKF1430X	Panasonic		143	402
86	1	R63	ERJ-2RKF1802X	Panasonic	18K		402
		R83,R84,R85,R86,R8					
		9,R90,R91,R93,R95,					
		R96,R98,R99,R102,R					
		104,R522,R523,R52					
		4,R525,R527,R529,R					
		530,R532,R533,R53					
87	27	5,R537,R538,R540	ERJ-2GEJ200X	Panasonic		20	402
88	1	R87	ERJ-2RKF2400X	Panasonic		240 0402-1MM	
89	1 DNI	R101	ERJ-2GEJ333X	Panasonic	33K		402
		R105,R107,R108,R1					
		09,R111,R114,R115,					
		R116,R117,R118,R5					
		44,R545,R558,R563,					
90	15	R564	ERJ-2GEJ330X	Panasonic		33	402
91	3	R106,R122,R542	ERJ-2GEJ333X	Panasonic	33K		402
		R110,R113,R119,R5					
92	7	43,R546,R562,R565	ERJ-2GEJ102X	Panasonic	1K		402
		R120,R526,R531,R5					
93	4	61	ERJ-2GEJ750X	Panasonic		75	402
94	3	R123,R127,R128	ERJ-2RKF2673X	Panasonic	267K		402
95	1	R125	ERJ-2RKF5363X	Panasonic	536K		402
96	1 DNI	R500	ERJ-2GE0R00X	Panasonic	1M		402
97	1	R501	ERJ-2RKF1202X	Panasonic	12K		402
98	1	R506	RC0805JR-0782RL	Yageo		82	805
99	1	R507	ERJ-2GEJ305X	Panasonic	3.0M		402
100	1	R508	ERJ-2RKF7503X	Panasonic	750K		402
101	1	R509	ERJ-3GEYJ152V	Panasonic	1.5K		603

102	1	R510	PLT0603Z5000AST5	Vishay	500	603
103	2	R512,R514	ERJ-3GEYJ332V	Panasonic	3.3K	603
104	1	R513	ERJ-2RKF2403X	Panasonic	240K	402
105	2	R547,R553	ERJ-3GEYJ102V	Panasonic	1K	603
106	1	R549	ERJ-2GEJ105X	Panasonic	1M	402
107	1	R551	ERJ-3GEYJ473V	Panasonic	47K	603
108	1 DNI	R554	ERJ-3GEYJ102V	Panasonic	1K	603
109	1	R605	ERJ-2GEJ333X	Panasonic	0	402
110	1 DNI	SW1	CVS-01TB	Copal Electronics Inc	CVS-01TB	SW2-CVS-01B_CVS
		TP5,TP8,TP9,TP11,T P13,TP14,TP16,TP17 ,TP19,TP23	Not a part		TESTPIN	TP-40RD24
		TP6,TP7,TP10,TP12, TP15,TP18,TP20,TP2				
112	11	1,TP22,TP24,TP25	S1751-46R	Harwin	Probe-Testpoint	TP-S1751-81X144_HAR
113	1	U1	OPA365AQDBVRQ1	Texas Instruments	OPA365-Q1	SOIC5-DBV_TI
114	1	U2	TPS3808G01QDBVRQ1	Texas Instruments	TPS3808G01QDBVRQ1	SOIC6-DBV_TI
115	1	U3	TPS51200QDRCRQ1	Texas Instruments	TPS51200QDRCRQ1	SOIC10-DRCA_TI
116	1	U4	OPA354AQDBVRQ1	Texas Instruments	OPA354-Q1	SOIC5-DBV_TI
117	2	U5,U504	SN74LVC1G17QDBVRQ1	Texas Instruments	SN74LVC1G17QDBVRQ1	SOIC5-DBV_TI
118	1	U6	TFP401AIPZPRQ1	Texas Instruments	TFP401AIPZPRQ1	PQFP100-PZP_TI-MOD
119	3	U7,U507,U508	TPD4E001QDBVRQ1	Texas Instruments	TPD4E001QDBVRQ1	SOIC6-DBV_TI
120	2	U8,U509	SN74LV4051ATPWRQ1	Texas Instruments	SN74LV4051A-Q1	SOIC16-PW_TI
121	1	U9	TMS320F28023PTQ	Texas Instruments	TMS320F28023	PQFP48-PT_TI
122	1	U10	M24C02-WMN6TP	ST Micro	M24C02	SOIC8
123	1	U11	SN74LVC08AQPWRQ1	Texas Instruments	SN74LVC08AQPWRQ1	SOIC14-PW_TI
124	1	U12	TPS62400QDRCRQ1	Texas Instruments	TPS62400QDRCRQ1	SOIC10-DRCA_TI
125	1	U500	UCC27517AQDBVRQ1	Texas Instruments	UCC27517A-Q1	SOIC5-DBV_TI
126	1	U501	TPS71501QDCKRQ1	Texas Instruments	TPS71501QDCKRQ1	SOIC5-DCK-SP_TI
127	1	U502	IS46DR16320D-25DBLA2	ISSI	IS46DR16320D-25DB	BGA84-8X14_MICRON
128	1	U503	TPS57140QDRCRQ1	Texas Instruments	TPS57140QDRCRQ1	SOIC10-DRCA_TI
129	1	U505	TLV70025QDDCRQ1	Texas Instruments	TLV70025QDDCRQ1	SOIC5-DDC_TI
130	1	U506	DLPC120ZXSRQ1	Texas Instruments	DLPC120	BGA256
131	1	U510	74CBTLV3257BQ,115	NXP	74CBTLV3257BQ,115	DHVQFN16_NXP
132	1	U511	IS25LP064A-JMLE	ISSI	IS25LP064A-JMLE	SOIC16_WIDE_ST
133	1 DNI	U512	SN74LVC00AQPWRQ1	Texas Instruments	SN74LVC00AQPWRQ1	14-TSSOP
134	1 DNI	U513	1P1G3157QDCKRQ1	Texas Instruments	SN74LVC1G3157-Q1	14-TSSOP

135	1	Y500	AB-16.000MALE-T	TXC	AB-16.000MALE-T	OSC4-50X32-A_TXC
136	1	Z_PCB1	DLP007	Any	PCB	