

Qty	Description	Reference Designator	Manufacturer	Part Number
1	74LVC14A SOIC14	U3	DIGI-KEY (R)	296-1699-2-ND
1	IDT74FCT3244APY SSOP20	U5	IDT (R)	IDT74FCT3244APYG
1	CY7C1041CV33 BGA48_75_810	U2	CYPRESS	CY7C1041DV33-10BVXI
1	GTL2002 TSSOP8_SOT505-1	U10	NXP (PHILI (R)	GTL2002DP,118
3	SN74LVC1G08 SOT23-5	U45,U46,U48	TI (R)	SN74LVC1G08DBVE
1	SN74CB3Q3245 TSSOP20	U32	DIGI-KEY (R)	296-19130-1-ND
1	MIC2025-1 SOIC8	U44	DIGI-KEY (R)	576-1057-ND
1	DP83848 LQFP48	U43	NATIONAL S (R)	DP83848CVV/NOPB
1	50MHZ OSC012	U35	DIGI-KEY (R)	300-8264-2-ND
2	SN74LVC1G08 SC-70-5	U4,U7	DIGI KEY	296-11602-2-ND
31	74CBTLV1G125 SC70_5	U13,U14,U15,U16,U17,U18,U19,U20,U21,U22,U23,U24,U25,U26,U27,U28,U29,U30,U31,U49,U50,U51,U52,U53,U54,U55,U56,U57,U58,U59,U60	TI (R)	SN74CBTLV1G125DCKR
2	MCP23017 QFN28	U40,U41	DIGI-KEY (R)	MCP23017-E/ML-ND
1	30MHZ OSC012	U34	DIGIKEY	300-8257-1-ND
1	STD2805T4 TO228P972X240-3N	Q1	DIGI-KEY	497-7465-1-ND
2	PI4ULS3V08M QFN40P300X600X75-33N	U11,U12	PERICOM (R)	PI4ULS3V08MZLE
1	ADM708SARZ SOIC8	U42	ADI (R)	ADM708SARZ
1	ADP2119ACPZ-R7 DFN50P300X300-11N	VR1	ADI (R)	ADP2119ACPZ-R7
2	ADR441ARMZ MSOP8	U6,U47	ADI (R)	ADR441ARMZ
1	ADP2118ACPZ QFN65P400X400X80-17N	VR2	ADI (R)	ADP2118ACPZ

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1	ADA4899 SOIC8	U33	ADI (R)	ADA4899-1YRDZ-R7
1	ADM2682E SOIC127P1032X265-16N	U39	ADI (R)	ADM2682EBRIZ
1	ADM3252E BGA44C100P11X11_1200X1200X103	U36	ADI (R)	ADM3252EABCZ
2	ADM3053 SOIC127P1032X265-20N	U37,U38	ADI (R)	ADM3053BRWZ
1	ADSP-CM408FBSWZ LQFP176_EP	U1	ADI (R)	ADSP-CM408CSWZ-AF
1	IDC 3X2 IDC3X2_SMT	P8	SAMTEC (R)	TSM-103-01-T-DV
2	DB9 9PIN CON038	J2,J3	NORCOMP (R)	191-009-213-L-571
2	RJ11 4PIN CON039	J7,J8	TYCO ELECT (R)	5558872-1
7	IDC 2X1 IDC2X1	JP1,JP4,P4,P5,P6,P7,P10	SAMTEC (R)	HTSW-102-07-T-S
2	IDC 3X1 IDC3X1	JP2,JP3	SAMTEC (R)	HTSW-103-07-T-S
1	3A RESETABLE FUS004	F1	TYCO ELECT (R)	SMD300F-2
8	IDC 2PIN_JUMPER_SHORT	SJ1,SJ2,SJ3,SJ4,SJ5,SJ6,SJ7,SJ8	DIGI-KEY (R)	S9001-ND
1	PWR .65MM CON045	P9	DIGI-KEY (R)	CP1-023-ND
1	USB_MINI-AB 5PIN CON052	P3	MOLEX (R)	56579-0576
4	MOMENTARY SWT024	SW2,SW3,SW4,SW5	PANASONIC (R)	EVQ-Q2K03W
1	IDC 5X2 IDC5x2_SMT_F	J5	SAMTEC (R)	SSW-105-22-F-D-VS
1	ROTARY SWT027	SW1	COPAL ELEC (R)	S-8110
1	RJ45 W/LEDS CON065	J1	PULSE ENG. (R)	J0011D21BNL
1	TEST LOOP LOOP_2838	GP1	KEYSTONE (R)	5016
1	0.05 10X2 SAMTEC_SHF-110-01-L-D-TH	P2	SAMTEC (R)	SHF-110-01-L-D-TH
2	0.5MM 180PIN SAMTEC_QSH-090-F-D-A	J4,J6	SAMTEC (R)	QSH-090-01-F-D-A

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1	0.5MM 120PIN SAMTEC_QSH-060-F-D-A	J9	SAMTEC (R)	QSH-060-01-F-D-A
1	IDC 10X2 TE_5103308-5	P1	MOUSER (R)	571-5103308-5
3	600 500MA 1206	FER1,FER2,FER3	LAIRD TECH	HZ1206B601R-10
2	1UF 16V 10% 0805 X7R	C95,C96	DIGI-KEY (R)	399-1284-2-ND
3	0 1/8W 5% 0805	R15,R97,R178	VISHAY (R)	CRCW08050000Z0EA
1	190 5A FER002	FER4	MURATA (R)	DLW5BSN191SQ2
62	0.1UF 10V 10% 0402 X5R	C1,C5,C6,C7,C17,C18,C22,C25,C26,C29,C31,C34,C35,C36,C40,C43,C45,C48,C50,C54,C55,C56,C59,C60,C62,C63,C64,C65,C67,C68,C72,C78,C79,C101,C102,C104,C109,C119,C120,C122,C123,C124,C125,C128,C129,C130,C132,C135,C136,C138,C139,C143,C148,C149,C150,C153,C154,C155,C1	AVX CORPOR (R)	0402ZD104KAT2A
74	0.01UF 16V 10% 0402 X7R	C2,C8,C9,C19,C20,C21,C24,C30,C32,C33,C46,C47,C49,C51,C53,C61,C66,C69,C70,C71,C73,C74,C75,C76,C80,C81,C82,C83,C84,C85,C86,C87,C88,C89,C90,C92,C110,C111,C112,C113,C114,C115,C116,C117,C118,C121,C131,C134,C141,C144,C151,C152,C158,C159,C160,C161,C162,C163,C164	AVX CORPOR (R)	0402YC103KAT2A
21	10K 1/16W 5% 0402	R3,R4,R5,R20,R27,R30,R31,R32,R36,R37,R39,R41,R42,R51,R75,R152,R153,R182,R197,R219,R220	VISHAY (R)	CRCW040210K0FKED
76	10K 1/16W 5% 0402	R2,R10,R14,R18,R19,R29,R33,R34,R35,R38,R40,R43,R52,R53,R54,R55,R56,R57,R58,R66,R67,R70,R71,R79,R81,R83,R87,R88,R94,R95,R100,R113,R114,R120,R121,R122,R123,R124,R125,R126,R127,R128,R129,R130,R133,R134,R135,R138,R140,R141,R142,R143,R148,R158,R161,R171,R173,R	VISHAY (R)	CRCW040210K0FKED
1	4.7K 1/16W 5% 0402	R183	DIGI-KEY (R)	541-4.7KJTR-ND
14	0 1/10W 5% 0402	R11,R12,R47,R48,R149,R159,R164,R166,R184,R198,R200,R201,R212,R213	PANASONIC (R)	ERJ-2GE0R00X

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26	0 1/10W 5% 0402	R6,R8,R17,R45,R46,R49,R62,R63,R146,R147,R151,R160,R163,R168,R185,R190,R191,R192,R193,R196,R199,R202,R214,R229,R230,R232	PANASONIC (R)	ERJ-2GE0R00X
9	33 1/16W 5% 0402	R7,R9,R59,R60,R76,R99,R136,R144,R145	VISHAY (R)	CRCW040233R0JNEJ
1	1.5UH 20% IND003	L2	COIL CRAFT (R)	DO1608C-152MLC
1	150UF 10V 10% D TANT-LOW-ESR	CT2	DIGI-KEY (R)	478-3321-2-ND
2	107.0 1/10W 1% 0805	R101,R107	DIGI-KEY (R)	311-107CRTR-ND
1	4.7UF 25V 20% 0805 X5R	C142	AVX CORPOR (R)	0805ZD475KAT2A
2	10K 1/10W 5% 0603	R204,R205	VISHAY (R)	CRCW060310K0JNEA
1	1M 1/10W 5% 0603	R179	VISHAY (R)	CRCW06031M00JNEA
4	0.0 1/10W 1% 0603	R16,R176,R177,R203	PHYCOMP (R)	232270296001L
6	10 1/10W 5% 0603	R61,R72,R73,R74,R162,R167	VISHAY (R)	CRCW060310R0JNEA
1	1K 1/10W 5% 0603	R170	DIGI-KEY (R)	311-1.0KGRTR-ND
2	4700PF 16V 10% 0603 X7R	C44,C52	DIGI-KEY (R)	311-1083-2-ND
10	2.21K 1/10W 1% 0603	R78,R80,R84,R85,R86,R108,R109,R110,R111,R112	DIGI-KEY (R)	311-2.21KHRTR-ND
4	1UF 6.3V 20% 0402 X5R	C12,C91,C93,C94	MURATA	490-1319-2-ND
3	100 1/16W 5% 0402	R132,R137,R139	DIGI-KEY (R)	311-100JRTR-ND
11	10UF 10V 10% 0805 X5R	C15,C16,C23,C27,C28,C41,C42,C57,C58,C77,C137	MURATA (R)	GRM21BR61A106KE19L
4	0.051 1/2W 1% 1206	R150,R154,R156,R165	SEI (R)	CSF 1/2 0.05 1%R
1	10UF 16V 10% 1210 X5R	C98	AVX CORPOR (R)	1210YD106KAT2A
2	1000PF 50V 5% 1206	C97,C99	AVX CORPOR (R)	12065A102JAT2A
3	5A MBRS540T3G SMC	D6,D7,D8	ON SEMICON (R)	MBRS540T3G
1	VARISTOR V5.5MLA 30A 0603	R1	LITTELFUSE (R)	V5.5MLA0603
1	PTC 0.5A 1206	R186	LITTELFUSE (R)	1206L050-C

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7	330.0 1/16W 1% 0402	R115,R116,R117,R118,R119,R131,R172	DIGI-KEY (R)	541-330LCT-ND
1	1.50K 1/16W 1% 0402	R91	PANASONIC (R)	ERJ-2RKF1501X
2	680 1/16W 1% 0402	R210,R211	BC COMPONE (R)	2312 275 16801
6	22UF 16V 10% 1210 X5R	C100,C103,C105,C106,C107,C108	TAIYO YUDE (R)	EMK325BJ226KM-T
1	200.0K 1/16W 1% 0402	R209	ROHM	MCR01MZPF2003
2	27K 1/16W 5% 0402	R187,R188	PANASONIC (R)	ERJ-2GEJ273X
1	30A GSOT05 SOT23-3	D1	VISHAY (R)	GSOT05-E3-08
2	30A GSOT03 SOT23-3	D2,D3	VISHAY (R)	GSOT03-GS08
2	165.0 1/10W 1% 0603	R102,R106	DIGI-KEY (R)	P165HTR-ND
1	220.0 1/10W 1% 0603	R77	DIGI-KEY (R)	P220HTR-ND
1	4.87K 1/10W 1% 0603	R82	DIGI-KEY (R)	541-4.87KHCT-ND
2	GREEN LED_0603	LED6,LED7	DIGIKEY	67-1549-2-ND
4	60.4 1/10W 1% 0603	R64,R65,R68,R69	PANASONIC (R)	ERJ-3EKF60R4V
10	49.9 1/16W 1% 0402	R89,R90,R92,R93,R96,R98,R103,R104,R105,R155	STACKPOLE (R)	RMCF0402FT49R9
3	0.1UF 16V 10% 0402 X7R	C37,C38,C39	DIGI-KEY (R)	587-1451-2-ND
1	45.3K 1/10W 1% 0402	R157	PANASONIC (R)	ERJ-2RKF4532X
1	15KV ESD7004 DFN50P250X100-10N	D5	ON SEMICON (R)	ESD7004MUTAG
1	15KV ESDA6V1SC SOT95P280-6N	D4	DIGI-KEY (R)	497-6637-1-ND
7	10UF 6.3V 20% 0603 X5R	C10,C11,C13,C126,C127,C133,C140	DIGI-KEY (R)	490-3896-2-ND
1	120.0 1/16W 1% 0603	R44	YAGEO (R)	311-120HRTR-ND
2	1.0K 1/10W 1% 0402 ZZZ	R21,R22	PHYCOMP (R)	232270671002
1	24.9 1/10W 1% 0402	R13	PANASONIC (R)	ERJ-2RKF24R9X
2	RED LED_0603	LED5,LED8	DIGI-KEY (R)	475-2512-2-ND

Qty	Description	Reference Designator	Manufacturer	Part Number
1	1.5UH 20% INDC4040X210N	L1	COILCRAFT	XAL4020-152MEB
4	YELLOW LED_0603	LED1,LED2,LED3,LED4	DIGI-KEY	475-2793-1-ND
1	10UF 10V 20% ELEC_4MM ELEC	CT1	PANASONIC (R)	EEE-1AA100NR
1	10UF 6.3V 20% 0402 X5R	C14	DIGI-KEY (R)	445-8920-1-ND