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No.	References	Value	Quantity	Manufacturer	Manufacturer PN
1	C131, C133, C134	10uF	3	KEMET	T520A106M10ATE080
2	C135, C136	220uF	2	KEMET	A700W227M2R5ATE006
3	C218	470uF	1	KEMET	T545W477M006ATE035
4	C13, C15, C16, C17, C18, C19, C20, C23, C24, C27, C28, C29, C31, C33, C58, C101, C102, C103, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C117, C119, C126, C129, C130, C132, C139, C140, C142, C143, C145, C146, C150, C152, C154, C156, C162, C163, C164, C165, C201, C202, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C220, C223, C224, C226, C227, C229, C230, C231, C304, C305, C306, C307, C311, C312, C313, C314, C315, C317, C318, C320, C321, C323, C325, C327, C328, C329, C330, C331, C332, C333, C334, C336, C337, C338, C339, C340, C341, C342, C407, C408, C409, C410, C415, C416, C417, C418, C419, C420, C421, C422	0.1uF	114	Murata	GRM188R72A104KA35
5	C4, C5, C6, C7, C8, C9, C10, C11, C21, C22, C34, C35, C36, C39, C51, C54, C55, C116, C118, C149, C155, C157, C166, C225, C228, C301, C319, C335, C411, C414	10uF	30	Murata	GRM188R61E106KA73D
6	C1, C32, C37, C38, C40, C41, C120, C121, C125, C127, C128, C141, C144, C151, C153, C158, C159, C160, C161, C221, C222, C308, C316, C413	1uF	24	Murata	GRM188R61C105KA12J
7	C3, C302, C303, C401, C402, C403, C404, C405	4.7uF	8	Murata	GRM188R6YA475KE15D
8	C14, C30, C45, C322, C324, C326, C423	0.01uF	7	Murata	GRM188R72A103KA01J
9	C25, C26, C309, C310	10pF	4	Murata	GRM1885C1H100JA01D
10	C122, C123, C124	4.7nF	3	Murata	GRM188R72A472KA01D
11	C215, C216, C217	33pF	3	Murata	GRM1885C2A330JA01D
12	C59, C147	0.47uF	2	Murata	GRM188R61A474KA61D
13	C137, C138	0.022uF	2	Murata	GRM188R72A223KAC4D
14	C2	0.047uF	1	Murata	GCM188R91H473KA37D
15	C148	2.2uF	1	Murata	GRM188R71A225KE15J
16	C52, C53, C56, C406	22uF	4	Murata	GRM21BR61E226ME44L
17	C12	47uF	1	Murata	GRM219R60J476ME44D
18	C412	100uF	1	Murata	GRM31CR60J107ME8L

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19	R7, R8, R9, R10, R11, R17, R19, R24, R25, R26, R102, R103, R114, R117, R118, R119, R120, R121, R122, R126, R127, R128, R129, R130, R131, R201, R202, R203, R207, R208, R209, R211, R212, R213, R214, R215, R306, R307, R401, R402, R403, R405, R406, R408, R409, R411, R412, R413	100K	48	Vishay	CRCW0603100KFKEAC
20	R13, R14, R15, R18, R33, R37, R38, R101, R309	10K	9	Vishay	CRCW060310K0FKEAC
21	R39, R115, R116, R123, R210, R301, R305, R308	47K	8	Vishay	CRCW060347K0FKEAC
22	R16, R104, R109, R110, R111	1K	5	Vishay	CRCW06031K00FKEAC
23	R1, R132, R133	260R	3	Bourns	CR0603-FX-2610ELF
24	R204, R205, R206	22R	3	Vishay	CRCW060322R0FKEAC
25	R4, R125	2.2K	2	Vishay	CRCW06032K20FKEAC
26	R20, R21	5.1K	2	Vishay	CRCW06035K10FKEAC
27	R112, R113	16R	2	Vishay	CRCW060316R0FKEA
28	R302, R303	15R	2	Vishay	CRCW060315R0FKEAC
29	R2	5.23K	1	Bourns	CR0603-FX-5231ELF
30	R3	30.1K	1	Bourns	CR0603-FX-3012ELF
31	R5	560K	1	Vishay	CRCW0603560KFKEAC
32	R6	180K	1	Vishay	CRCW0603180KFKEAC
33	R12	100R	1	Vishay	CRCW0603100RFKEAC
34	R36	4.7K	1	Vishay	CRCW06034K70FKEAC
35	R105	0R	1	Vishay	CRCW06030000Z0EBC
36	R106	50K	1	Vishay	CRCW060349K9FKEAC
37	R107	210K	1	Vishay	CRCW0603210KFKEB
38	R108	33R	1	Vishay	CRCW060333R0FKEAC
39	R124	150K	1	YAGEO	RT0603FRE07150KL
40	R304	DNP	1	DNP	DNP
41	R404	5.6K	1	Vishay	CRCW06035K60FKEAC
42	R407	44.2K	1	Bourns	CR0603-FX-4422ELF
43	R410	887K	1	KOA Speer	RN73H1JTDD8873B25
44	L2, L4	2.2uH	2	Coilcraft	LPS4018-222MRC
45	L3	1uH	1	Coilcraft	XAL4020-102MEC
46	L301	10uH	1	Coilcraft	XAL4040-103MEC
47	L1	2.2uH	1	Vishay	IHLP2525CZER2R2M06
48	L401, L402, L403, L404, L405, L406, L407, L408, L409	12R@100MHz	9	TDK	MCZ1210DH120CPTA0G

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49	D1	NSR10F20NXT5G	1	onsemi	NSR10F20NXT5G
50	D301	1N5819HW-7-F	1	Diodes Incorporated	1N5819HW-7-F
51	D201, D202, D203, D204, D401, D402, D403, D404, D405, D406, D407, D408, D409, D410	ESD9101	14	onsemi	ESD9101P2T5G
52	D2	LED_CHG	1	Wurth Elektronik	150060VS75000
53	D101	LED_MIC	1	ROHM Semiconductor	SML-522MU8WT86
54	U118	MAX9700	1	Maxim Integrated	MAX9700BETB+T
55	U403, U404	NCP380HMUAJAA	2	onsemi	NCP380HMUAJAATBG
56	U101, U102, U103	74HC00	3	Nexperia	74HC00BQ,115
57	U104, U105	74HC74	2	Nexperia	74HC74BQ,115
58	U107, U108	74HC595	2	Nexperia	74HC595BQ,115
59	U207	FT230XQ	1	FTDI	FT230XQ
60	U4	FE310-G002	1	SiFive	FE310-G002
61	U308	DS90C185	1	Texas Instruments	DS90C185SQE/NOPB
62	U305	BT817Q	1	Bridgetek	BT817Q
63	U120	TPS7A2024	1	Texas Instruments	TPS7A2024PDBV
64	U301	MCP1664	1	Microchip Technology	MCP1664T-E/OT
65	U303	SN74LV1T34DBV	1	Texas Instruments	SN74LV1T34DBV
66	U127	MAX9814	1	Maxim Integrated	MAX9814ETD+T
67	U106	ICS-43434	1	TDK	ICS-43434
68	U115, U116	MAX98357A	2	Maxim Integrated	MAX98357AETE+T
69	U122	PCM1770	1	Texas Instruments	PCM1770PW
70	U402	TPD12S016PW	1	Texas Instruments	TPD12S016PW
71	U11, U12	TPS2116	2	Texas Instruments	TPS2116DRLR
72	U2	TPS62293	1	Texas Instruments	TPS62293DRV
73	U109, U119, U124, U129, U401	SN74AUP1G02DCK	5	Texas Instruments	SN74AUP1G02DCK
74	U211, U302	SN74LVC1G07DCK	2	Texas Instruments	SN74LVC1G07DCK
75	U315, U405	SN74LVC1G06DCK	2	Texas Instruments	SN74LVC1G06DCK
76	U117	SN74LVC1G125DCK	1	Texas Instruments	SN74LVC1G125DCK
77	U131	SN74LVC1G14DCK	1	Texas Instruments	SN74LVC1G14DCK
78	U132	SN74LVC1G86DCK	1	Texas Instruments	SN74LVC1G86DCK
79	U212	SN74LVC1G32DCK	1	Texas Instruments	SN74LVC1G32DCK
80	U111, U114, U121, U304, U314	SN74LVC1G3157DCK	5	Texas Instruments	SN74LVC1G3157DCK
81	U6	SN74LVC2G07DCK	1	Texas Instruments	SN74LVC2G07DCK

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82	U406	TXB0106RGY	1	Texas Instruments	TXB0106RGY
83	U407	TXB0106RGY	1	Texas Instruments	TXB0106RGY
84	U307	TS3DV520ERUA	1	Texas Instruments	TS3DV520ERUA
85	U3	TPS630250	1	Texas Instruments	TPS630250RNC
86	U210	TS3USB221A	1	Texas Instruments	TS3USB221ARSE
87	U128	PCM1822	1	Texas Instruments	PCM1822IRTE
88	U312	TXS0104ERGY	1	Texas Instruments	TXS0104ERGY
89	U201, U202	SN74CBTLV3125RGY	2	Texas Instruments	SN74CBTLV3125RGY
90	U203, U204	TXB0104RGY	2	Texas Instruments	TXB0104RGY
91	U1	BQ25895	1	Texas Instruments	BQ25895RTW
92	U408	TUSB321	1	Texas Instruments	TUSB321RWB
93	U26, U110, U112, U125, U130, U208, U309, U310	TMUX154ERSW	8	Texas Instruments	TMUX154ERSW
94	U7, U113, U313	TMUX1574RSV	3	Texas Instruments	TMUX1574RSV
95	U206, U209	FXL6408	2	onsemi	FXL6408UMX
96	U10	TPS61052	1	Texas Instruments	TPS61052DRC
97	U205	DRV2605LDGS	1	Texas Instruments	DRV2605LDGS
98	U8	74LVC2G02DC	1	Nexperia	74LVC2G02DC,125
99	U9	74AUP2G132DC	1	Nexperia	74AUP2G132DC,125
100	U123, U311	SN74AUP2G02DCU	2	Texas Instruments	SN74AUP2G02DCU
101	U126	SN74LVC2G53DCU	1	Texas Instruments	SN74LVC2G53DCU
102	U409	TMUXHS4212RKS	1	Texas Instruments	TMUXHS4212RKS
103	U5, U306	IS25LP128-JKLE	2	ISSI	IS25LP128F-JKLE
104	Y1	16MHz	1	TXC Corporation	7M-16.000MEEQ
105	Y301	12MHz	1	TXC Corporation	7M-12.000MEEQ
106	X1	SiT1533	1	SiTime	SiT1533AI-H4-DCC-32.768
107	SW2	WAKE	1	Panasonic	EVP-AEBB2A
108	SW201	DIP	1	Omron Electronics	A6H-2101
109	SW101	MUTE	1	C&K Components	PCM12SMTBR
110	SW1	RESET	1	C&K Components	PTS815 SJM 250 SMTR LFS
111	SW3	MASTER_RST	1	C&K Components	PTS815 SJM 250 SMTR LFS
112	SW202	MODEM_RST	1	C&K Components	PTS815 SJM 250 SMTR LFS
113	SW401	iMX8_ALT_BOOT	1	C&K Components	PTS815 SJM 250 SMTR LFS
114	SW402	iMX8_RST	1	C&K Components	PTS815 SJM 250 SMTR LFS
115	SW403	iMX8_PWR	1	C&K Components	PTS815 SJM 250 SMTR LFS

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116	JP201	UART_DIS	1	Harwin	M50-3530242
117	J403	USB_C	1	Amphenol	12401610E4#2A
118	J204, J404	SD_Card	2	GCT	MEM2075-00-140-01-A
119	J202	SIM_Card	1	GCT	SIM8066-6-1-14-01-A
120	J1	USB_C_2.0	1	GCT	USB4105-GF-A
121	J402	HDMI_D	1	Molex	46765-0301
122	J205	Prog	1	Hirose Electric	FH12-12S-0.5SH(55)
123	J2	BATT	1	JST	S2B-XH-A(LF)(SN)
124	J206	Expansion	1	Molex	54722-0164
125	J207	Camera	1	Molex	54722-0304
126	J301	Display	1	Molex	54722-0304
127	J212	WiFi	1	Molex	54722-0404
128	J101	SPEAKER_R	1	Harwin	M50-3530242
129	J102	SPEAKER_L	1	Harwin	M50-3530242
130	J203	Motor	1	DNP	DNP
131	J3	+5V	1	DNP	DNP
132	J4	FLASH	1	DNP	DNP
133	J208	IO_EXP2	1	Harwin	M50-3530442
134	J405	Console	1	Harwin	M50-3530442
135	J302, J303, J304	DISP_Spacer	3	Würth Elektronik	9774015633R
136	J209, J210	EXP_Spacer	2	Würth Elektronik	9774015633R
137	J211	CAM_Spacer	1	Würth Elektronik	9774015633R
138	J213, J214	WIFI_Spacer	2	Würth Elektronik	9774015633R
139	J103	HP_Jack	1	Switchcraft	35RASMT8CHNTRX
140	J401	APP_SODIMM-260	1	TE Connectivity	2309409-2
141	J201	Modem	1	TE Connectivity	1775862-2