Qty	Value	Device	Parts
1	0R(Board_Mounted)	R_0R0R(NA)	R83
2	0R(Board_Mounted)	R-EU_R0402_TI_0R	R11, R13
1	0.03R/1%	R-EU_R1206_5MIL_WS	R66
2	22R	R-EU_R0402_TI	R9, R10
9	33R	R-EU_R0402_TI	R19, R20, R21, R24, R25, R26, R119, R120,R123
1	120R	R-EU_R0402_TI	R127
2	191R/1%	R-EU_R0603_5MIL_DWS	R65, R72
3	330R/1%	R-EU_R0603_5MIL_DWS	R7, R8, R14
8	1k	R-EU_R0402_TI	R113, R114, R115, R116,R117,R118,R124,R125
2	1.1k/1%	R-EU_R0603_5MIL_DWS	R89, R92
7	2k/1%	R-EU_R0402_TI	R1, R2, R4, R5, R6, R45, R46
14	2.2k	R-EU_R0402_TI	R56, R57, R60, R61, R70, R75, R77, R79, R80, R81, R82, R88, R128, R129
2	4.99k/1%	R-EU_R0603_5MIL_DWS	R51, R91
2	6.8k/1%	R-EU_R0603_5MIL_DWS	R59, R73
1	8.25k/1%	R-EU_R0603_5MIL_DWS	R85
16	10k	R-EU_R0402_TI	R12, R16, R17, R31, R42, R44, R52, R54, R58, R62, R64, R68, R71, R78, R121, R126
1	10k/1%	R-EU_R0603_5MIL_DWS	R90
1	12.1k/1%	R-EU_R0603_5MIL_DWS	R111
1	12.4k/1%	R-EU_R0603_5MIL_DWS	R86
2	13k/1%	R-EU_R0603_5MIL_DWS	R53, R63
1	20k/5%/0402	R-EU_R0402_TI	R47
1	27k	R-EU_R0402_TI	R32
4	47k	R-EU_R0402_TI	R27, R30, R55, R76
3	100k/1%	R-EU_R0603_5MIL_DWS	R41, R67, R87
3	200k/1%	R-EU_R0603_5MIL_DWS	R43, R69, R74
1	1M	R-EU_R0402_TI	R84
1	10M	R-EU_R0402_TI	R35
1	RA1206_(4X0603)_4B8_0R	R_MATRIX_4E	RM1
1	RA1206_(4X0603)_4B8_33R	R_MATRIX_4E	RM9
2	RA1206_(4X0603)_4B8_4.7k	R_MATRIX_4E	RM4, RM10
1	RA1206_(4X0603)_4B8_100K	R_MATRIX_4E	RM3
1	10pF	C-EUC0402_TI	C82
2	22pF	C-EUC0402_TI	C110, C115
6	33pF	C-EUC0603_DWS	C116, C117, C201, C211, C248, C249
8	1nF	C-EUC0402_TI	C139,C140,C141,C142,C167,C173,C187,C209
1	1nF/2kV/X7R/1206	C-EUC1206_5MILS_WS_ISO	C214
4	10nF	C-EUC0402_TI	C153, C154, C156, C157
20	100nF	C-EUC0402_TI	C71, C109, C119, C135, C136, C137, C149, C152, C193, C236, C237, C239, C240, C242, C243, C244, C247, C250, C252, C253
98	220nF	C-EUC0402_TI	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C74, C75, C76, C92, C93, C94, C95, C96, C97, C98, C99, C100, C106, C107,C121,C126,C129,C130,C131,C132,C133, C144,C148,C164,C178,C184,C189,C194,C196
1	220nF/0603	C-EUC0603_DWS	C182
2	470nF	C-EUC0603_DWS	C197, C199
6	1uF/10V	C-EUC0603_DWS	C108, C125, C159, C176, C179, C180
7	4.7uF/6.3V	C-EUC0603_DWS	C158,C163,C171,C183,C185,C186,C188
13	10uF/6.3V	C-EUC0603_DWS	C127, C128, C134, C146, C150, C155, C160, C161, C162, C166, C170, C172, C174
38	22uF/6.3V	C-EUC0603_DWS	C15, C118, C120, C122, C123, C124, C138,C143, C145, C147, C151, C165, C168, C175, C177, C181, C190, C191, C192, C195,C198,C202,C203, C204, C205, C206, C207, C208,C210,C212,C213, C220, C222, C241, C246, C256, C257, C258
7	47uF/6.3V	C-EUC0805_5MIL_DWS	C72, C77, C79, C224, C232, C238, C245
1	470uF/10V/105C	CPOL-EUE2.5-6.3	C200
6	2.2uH/NR3015T2R2M/1.5A/3015	L-CD32	L11, L12, L13, L14, L15, L16
9	FB0805/600R/2A	L-USL0805_5MIL_DWS	L1, L2, L5, L6, L7, L8, L9, L10, L18

1	1N4007/SMA	D-MLL-41	D6
1	1N4148/SOD80C	DSMD	D7
2	1N5819(S4SOD-123)	SCHOTKKY7.62SS-1N5819 (S4SOD-123)	D1, D2
1	1N5822/SS34/SMA	D-MLL-41	D5
1	SMBJ6.0A	SMBJ16A	D3
1	LED/GREEN/0603	LEDLED-0603_TEST	LED1
1	LED/RED/0603	LEDLED-0603_TEST	PWR_LED
1	LED/YELLOW/0603	LEDLED-0603_TEST	CHGLED
1	BC846B	NPN-TRANSISTOR_SOT23	T1
1	BSS138	N-MOS+DIODBSS138(SOT23-3)	FET2
3	IRLML6402	P-MOS+DIODIRLML6402	FET1, FET3, FET4
1	Q32.768kHz/12.5pF/2P/SMD1206	MC-306CM7V-T1A	Q2
1	Q24MHz/20pF/20ppm/2P/5x3.2mm	HC49/STEST	Q3
1	Q25MHz/20pF/30ppm/4P/3.2x2.5	SMALL_SMD_CRYSTAL_1	Q4
1	**T2**	**A10**	**U1**
1	AMS1117	LM1117	VR3
1	AP1231-2.5V(SOT23-5)	AP1231-33	VR1
1	AT24C16C-SSHM-T(SOIC-8)	24LCXX	U6
1	AXP209(QFN48)	AXP209	U13
1	**KSZ9031RNXIC-TR**	**KSZ9031RNX**	**U5**
1	MCP121T475I-TT	RESETMCP130T-300-I/TT	U14
2	**MT41K256M16HA-125IT:E (DDR3L-1600_11-11-11)**	**H5TQ2G63BFR_ MEM4G16D3EABG-125HYNIX**	**U2, U3**
1	MT3608(SOT23-6)	SY7208	U16
3	SY6280AAC(SOT23-5)	SY6280	U10, U11, U12
2	SY8089AAAC(SOT23-5)	SY8008	U15, U17
1	W25Q128JVSIQ	W25Q16BVSSIG(SO-8)	U22
2	DW02R	CON2DW02R	5V_SATA_PWR, LIPO_BAT
1	HDMI-SWM-19	HDMI-MC34931HDMI-SWM-19	HDMI
1	HN1X3	CON3HN1X3	UART0
1	MICRO_SD/TFC-WPAPR-08	MICRO_SD/MMC_CP	SD/MMC
1	PA-V16X-2X10-LF	ML20GPH127SMT-02X10 (PA-V16X-2X10-LF)	GPIO-4
4	PA-V16X-2X20-LF	ML40-GPH127SMT-02X20 (PA-V16X-2X20-LF)	GPIO-1, GPIO-2, GPIO-3, LCD_CON
1	PWRJ-2mm(YDJ-1134)	PWR-JAKPWR_JACK_MILLING	PWR_JACK
1	SATA-PWA-07	SATA-PWA-07"	SATA
1	TM211Q01FM22_SH	TM211Q01FM22_SH	LAN
1	USB-OTG(MSB-SW-5AB-LF)	MINI_USB9-USB-OTG	USB_OTG
2	USB_A_VERTICAL	USB_SHIELDUSB_A_VERTICAL	USB_HOST1, USB_HOST2
3	SIDE_WTCM-TR(3X4)	SW-TAKTSIDE_WTCM-TR(3X4)	PWR, RECOVERY, RESET
1	FSMD035	FUSE	FUSE1
1	Closed	SJSJ_1_SMALLER_CLOSE	NAND_E
3	Opened	SJSJ_SMALLER	5V_E, 5V_E_SATA, WP_ENABLE
1	PC3:Closed/PB8:Opened	SJ2W5	PC3/PB8
1	NA	C-EUC0402_TI	C80
7	NA	R-EU_R0402_TI	R3, R15, R28, R49, R50, R112, R122
1	NA(0R)	R-EU_R0603_5MIL_DWS	R48
1	NA(1N5822/SS34/SMA)	SCHOTKKY7.62SS2	D4
6	NA(2.2k)	R-EU_R0402_TI	R39, R40, R93, R94, R95, R96
3	NA(2.2uF/6.3V/10%/X5R/C0603)	C-EUC0603_DWS	C84, C86, C88
2	NA(2.7nH/0402)	L-USL0402_TI	L3, L4
6	NA(10k)	R-EU_R0402_TI	R22, R23, R29, R34, R36, R37
1	NA(10pF)	C-EUC0402_TI	C90
1	NA(10uF/6.3V)	C-EUC0603_DWS	C251
1	NA(22R)	R-EU_R0402_TI	R33
4	NA(22uF/6.3V)	C-EUC0603_DWS	C89, C169, C221, C223
2	NA(24pF)	C-EUC0402_TI	C81, C254
2	NA(47uF/6.3V)	C-EUC0805_5MIL_DWS	C73, C78
6	NA(100nF)	C-EUC0402_TI	C83, C85, C87, C112, C113, C114
1	NA(FB0805/600R/2A)	L-USL0805_5MIL_DWS	L17
1	NA(HN1X2)	CON2HN1X2	BACKUP
1	NA(MTFC8GAKAJCN-4M IT)	KLMAG2GEND-B031(FBGA153)	U23
1	NA(MT29F64G08CBABAWP:BTR)	H27UBG8T2A	U4
1	NA(RA1206_(4X0603)_4B8_0R)	R_MATRIX_4E	RM2
3	NA(RCLAMP0524P)	RCLAMP0524PTEST	U7, U8, U9