Qty	Value	Device	Parts
2	0R(Board_Mounted)	R-EU_R0402_TI_0R	R11, R13
1	0R(Board_Mounted)	R_0R0R(NA)	R83
1	0.03R/1%	R-EU_R1206_5MIL_WS	R66
3	22R	R-EU_R0402_TI	R9, R10, R33
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
19	**10k**	**R-EU_R0402_TI**	**R12**, **R16**, **R17**, R31, R34, R36, R37, 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
1	RA0805_(4X0402)_4B8_4.7k	R_MATRIX_4EBIGERPADS	RM4
1	RA1206_(4X0603)_4B8_4.7k	R_MATRIX_4E	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
23	**100nF**	**C-EUC0402_TI**	**C71**, C83, C85, C87, 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
3	2.2uF/6.3V/10%/X5R/C0603	C-EUC0603_DWS	C84, C86, C88
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
39	22uF/6.3V	C-EUC0603_DWS	C15, C89, 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
1	1N4007/SMA	D-MLL-41	D6
6	2.2uH/NR3015T2R2M/1.5A/3015	L-CD32	L11, L12, L13, L14, L15, L16
10	FB0805/600R/2A	L-USL0805_5MIL_DWS	L1, L2, L5, L6, L7, L8, L9, L10, L17, L18
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-306_MC-306-TEST	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	A20	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	KLM4G1YEMD-B031	KLMAG2GEND-B031(FBGA153)	U23
1	KSZ9031RNXCC-TR	KSZ9031RNXCC	U5
1	MCP121T475I-TT	RESETMCP130T-300-I/TT	U14
2	MT41K256M16HA-125: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	**W25Q128FVSIG**	**W25Q16BVSSIG(SO-8)**	**U22**
1	FSMD035	FUSE	FUSE1
2	DW02R	CON2DW02R	5V_SATA_PWR, LIPO_BAT
1	HDMI-SWM-19	HDMI-MC34931HDMI-SWM-19_TEST	HDMI
1	HN1X3	CON3HN1X3	UART0
1	MICRO_SD/TFC-WPAPR-08	MICRO_SD/MMC_CP_ NEWTEST_CREAM	SD/MMC
1	PA-V16X-2X10-LF	ML20GPH127SMT-02X10 (PA-V16X-2X10-LF)_TEST	GPIO-4
4	PA-V16X-2X20-LF	ML40-GPH127SMT-02X20 (PA-V16X-2X20-LF)_TEST	GPIO-1, GPIO-2, GPIO-3, LCD_CON
1	PWRJ-2mm(YDJ-1134)	PWR-JAKPWR_JACK_UNI_MILLING_ SMALLER_DRILLS	PWR_JACK
1	SATA-PWA-07	SATA-PWA-07TEST	SATA
3	SIDE_WTCM-TR(3X4)	SW-TAKTSIDE_WTCM-TR(3X4)	PWR, RECOVERY, RESET
1	TM211Q01FM22_SH	TM211Q01FM22_SH	LAN
1	USB-OTG(MSB-SW-5AB-LF)	MINI_USB9	USB_OTG
2	USB_A_VERTICAL	USB_SHIELDUSB_A_VERTICAL	USB_HOST1, USB_HOST2
1	Closed	SJSJ_1_SMALLER_CLOSE_10MILS	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
2	NA(2.7nH/0402)	L-USL0402_TI	L3, L4
3	NA(10k)	R-EU_R0402_TI	R22, R23, R29
1	NA(10uF/6.3V)	C-EUC0603_DWS	C251
3	NA(22uF/6.3V)	C-EUC0603_DWS	C169, C221, C223
2	NA(24pF)	C-EUC0402_TI	C81, C254
2	NA(47uF/6.3V)	C-EUC0805_5MIL_DWS	C73, C78
3	NA(100nF)	C-EUC0402_TI	C112, C113, C114
1	NA(MT29F64G08CBABAWP:BTR)	H27UBG8T2A	U4
1	NA(HN1X2)	CON2HN1X2	BACKUP
1	NA(RA1206_(4X0603)_4B8_0R)	R_MATRIX_4E	RM2
3	NA(RCLAMP0524P)	RCLAMP0524PTEST	U7, U8, U9
1	**NA(10pF)**	**C-EUC0402_TI**	**C90**