Qty	Value	Device	Parts
1	0R(Board_Mounted)	R_0R0R(NA)	R66
3	0R_board_mounted	R-EU_R0402_TI_0R	R12, R13, R99
1	0.03R/1%	R-EU_R1206_5MIL_WS	R51
2	22R	R-EU_R0402_TI	R9, R11
4	49.9R/1%	R-EU_R0402_TI	R80, R81, R82, R83
1	191R/1%	R-EU_R0603_5MIL_DWS	R57
6	330R/1%	R-EU_R0603_5MIL_DWS	R8, R14, R50, R78, R85, R86
2	1.1k/1%	R-EU_R0603_5MIL_DWS	R69, R72
8	2k	R-EU_R0402_TI	R30, R31, R56, R60, R61, R62, R63, R64
12	2k/1%	R-EU_R0603_5MIL_DWS	R1, R2, R3, R5, R6, R7, R43, R44, R45, R46, R65, R70
1	2.49k/1%	R-EU_R0603_5MIL_DWS	R68
3	4.99k/1%	R-EU_R0603_5MIL_DWS	R33, R58, R71
1	6.81k/1%	R-EU_R0603_5MIL_DWS	R41
1	8.25k/1%	R-EU_R0603_5MIL_DWS	R67
14	10k	R-EU_R0402_TI	R19, R25, R27, R29, R35, R37, R40, R47, R49, R52, R54, R74, R84, R97
1	12.1k/1%	R-EU_R0603_5MIL_DWS	R79
6	13k/1%	R-EU_R0603_5MIL_DWS	R21, R23, R36, R42, R48, R75
1	20k/5%/0402	R-EU_R0402_TI	R32
1	27k	R-EU_R0402_TI	R98
3	100k/1%	R-EU_R0603_5MIL_DWS	R10, R26, R53
3	200k/1%	R-EU_R0603_5MIL_DWS	R28, R55, R59
1	1M	R-EU_R0402_TI	R77
1	10M	R-EU_R0402_TI	R73
1	RA1206_(4X0603)_4B8_22R	R_MATRIX_4E	RM9
1	RA1206_(4X0603)_4B8_1.5k	R_MATRIX_4E	RM1
2	RA1206_(4X0603)_4B8_10k	R_MATRIX_4E	RM2, RM5
1	RA1206_(4X0603)_4B8_100K	R_MATRIX_4E	RM4
4	22pF/NP0/5%	C-EUC0603_DWS	C81, C85, C175, C183
4	27pF/C0G/50VDC/5%	C-EUC0402_TI	C86, C87, C90, C91
8	1nF/X7R/50VDC	C-EUC0402_TI	C47, C113, C114, C115, C116, C143, C147, C161
1	1nF/2kV/X7R/1206	C-EUC1206_5MILS_WS_ISO	C89
4	10nF/X7R/50VDC/10%	C-EUC0402_TI	C127, C128, C129, C131
13	100nF/10V/X5R/20%	C-EUC0402_TI	C60, C61, C63, C64, C76, C80, C93, C109, C110, C111, C120, C126, C167
81	220nF/+80-20%/10VDC/Y5V	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, C48, C49, C50, C51, C52, C53, C56, C57, C58, C65, C66, C67, C68, C69, C70, C71, C72, C73, C77, C78, C95, C100, C103, C104, C105, C106, C107, C121, C123, C137, C152, C156, C157, C162, C168, C170
2	470nF/X7R/16VDC/10%	C-EUC0603_DWS	C171, C173
6	1uF/6.3V	C-EUC0603_DWS	C62, C99, C133, C150, C153, C154
7	4.7uF/6.3V	C-EUC0603_DWS	C132, C138, C145, C158, C159, C160, C163
15	10uF/6.3V	C-EUC0603_DWS	C55, C79, C101, C102, C108, C117, C124, C130, C134, C135, C136, C142, C144, C146, C149
34	22uF/6.3V	C-EUC0603_DWS	C15, C74, C75, C92, C94, C96, C97, C98, C118, C119, C122, C125, C139, C140, C148, C151, C155, C164, C165, C166, C169, C172, C176, C177, C178, C179, C180, C181, C182, C184, C185, C186, C193, C194
6	47uF/6.3V	C-EUC0805_5MIL_D	C187, C188, C189, C190, C201, C202
1	470uF/10V/105C	CPOL-EUE2.5-6.3	C174

2	1N5819(S4SOD-123)	SCHOTKKY7.62SS-1N5819 (S4SOD-123)	D1, D2
1	1N5822/SS34/SMA	D-MLL-41	D5
1	1N4148W(SOD-123)	DSMD	D6
1	SMBJ6.0A	SMBJ16A	D4
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
6	2.2uH/NR3015T2R2M/1.5A/3015	L-CD32	L10, L11, L12, L13, L14, L15
7	FB0805/600R/2A	L-USL0805_5MIL_DWS	L2, L4, L5, L6, L7, L8, L9
1	BC846C	NPN-TRANSISTOR_SOT23	T1
1	BSS138(SOT23-3)	N-MOS+DIODBSS138(SOT23-3)	FET4
3	IRLML6402	P-MOS+DIODIRLML6402	FET1, FET2, FET3
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/20ppm/2P/5x3.2mm	HC49/STEST	Q1
1	**T2**	**A10**	**U7**
1	AP1231-2.5V(SOT23-5)	AP1231-33	VR1
1	AT24C16C-SSHM-T(SOIC-8)	24LCXX	U3
1	AXP209(QFN48)	AXP209	U12
1	ESDS314DBVR	ESDS314DBVR	U4
1	**K4B4G1646E-BMMA0CV**	**H5TQ2G63BFR_MEM4G16D3EABG…**	**U1**
1	**LAN8710AI-EZK (industrial)**	**LAN8710A-EZC**	**U2**
1	MT3608(SOT23-6)	SY7208	U14
3	SY6280AAC	SY6280	U9, U10, U11
2	SY8089AAAC(SOT23-5)	SY8008	U13, U15
1	VDA4510CTA	VDA2710NTA	U21
2	DW02R	CON2DW02R	5V_SATA_PWR, LIPO_BAT
1	HDMI-SWM-19	HDMI-MC34931HDMI-SWM-19-OLD	HDMI
1	HN1X3	CON3HN1X3	UART0
1	MALE-PAV16X-2x10-HIGH	ML20YA-V36P-2X10-LF	GPIO-4
4	MALE-PAV16X-2x20-HIGH	ML40YA-V36P-2X20-LF	GPIO-1, GPIO-2, GPIO-3, LCD_CON
1	PWRJ-2mm(YDJ-1134)	PWR-JAKPWR_JACK_UNI_MILLING	PWR_JACK
1	RJLBC-060TC1(LPJ4013EDNL)	RJLBC-060TC1_GND_MILLING	LAN
1	SATA-PWA-07	SATA-PWA-07"	SATA
1	TFC-WPAPR-08-LF	MMC_CP_NEWTFC-WPAPR-08	SD/MMC1
1	USB-OTG(MSB-SW-5AB-LF)	MINI_USB9-USB-OTG(MSB-SW-5AB-LF)	USB_OTG
2	USB-SUWH-4A-LF	USB_SHIELDUSB_A_VERTICAL	USB_HOST1, USB_HOST2
3	TSW34-W16PR-220-LF/SIDE	SW-TAKTSIDE_WTCM-TR(3X4)	PWR, RECOVERY, RESET
1	FSMD035-1206	FUSE	FUSE1
2	Open	SJSJ_SMALLER	5V_E, 5V_E_SATA
1	Opened	SJSJ_SMALLER	WP_ENABLE
1	PB9:Closed/PH7_USB:Opened	SJ2W5	PB9/PH7_USB
1	PB9:Opened/PH7_GPIO:Closed	SJ2W5	PB9/PH7_GPIO
1	PC3:Closed/PB8:Opened	SJ2W5	PC3/PB8
1	NA	C-EUC0603_DWS	C59
1	NA	C-EUC1206_5MILS_WS_ISO	C88
9	NA	R-EU_R0402_TI	R17, R18, R20, R22, R24, R76, R87, R92, R100
3	NA	R-EU_R0603_5MIL_DWS	R4, R38, R39
1	NA(0R)	R-EU_R0603_5MIL_DWS	R34
1	NA(1N5822/SS34/SMA)	SCHOTKKY7.62SS2	D3
2	NA(2.2k)	R-EU_R0603_5MIL_DWS	R15, R16
3	NA(10k)	R-EU_R0402_TI	R93, R94, R95
4	NA(22uF/6.3V)	C-EUC0603_DWS	C112, C141, C191, C192
1	NA(100nF)	C-EUC0402_TI	C203
1	NA(HN1X2)	CON2HN1X2	BACKUP
1	NA(MCP121T-475I/TT)	RESETMCP130T-300-I/TT	U20
1	NA(RA1206_(4X0603)_4B8_22R)	R_MATRIX_4E	RM10
3	NA(RCLAMP0524P)	RCLAMP0524PTEST	U5, U6, U8
1	NA(W25Q128JVSIQ)	W25Q16BVSSIG(SO-8)	U22
1	NA(DF12(3.0)-40DS-0.5V(86))	FLASH_CON[DF12(3.0)-40DS-0.5V(86)]	FLASH_CONNECTOR