Qty	Designation	Footprint	Designator
4	0R(Board_Mounted)	R_0402_5MIL_0R(Board_Mounted)	R34,R86,R87,R94
1	0R(Board_Mounted)	R_0603_5MIL_0R(Board_Mounted)	R36
1	0R	R_0402_5MIL_DWS	R66
1	0.01R\1%/1206	R_1206_5MIL_DWS	R78
20	22R	R_0402_5MIL_DWS	R3,R4,R18,R19,R33,R63,R64,R65, R68,R72,R105,R109,R121,R122, R123,R124,R125,R126,R129,R130
1	100R\1%	R_0402_5MIL_DWS	R2
1	120R	R_0603_5MIL_DWS	R120
3	243R\1%	R_0402_5MIL_DWS	R7,R9,R10
1	470R	R_0402_5MIL_DWS	R25
12	1k	R_0402_5MIL_DWS	R58,R89,R91,R92,R107,R108, R110,R111,R112,R113,R114,R117
1	1.1k\1%	R_0402_5MIL_DWS	R81
7	2k\1%	R_0402_5MIL_DWS	R1,R5,R8,R11,R12,R26,R29
10	2.2k	R_0402_5MIL_DWS	R47,R50,R70,R71,R74,R75,R77, R82,R88,R90
1	3.92k\1%	R_0402_5MIL_DWS	R49
2	4.7k	R_0402_5MIL_DWS	R38,R51
1	8.25k\1%	R_0402_5MIL_DWS	R80
18	10k	R_0402_5MIL_DWS	R20,R21,R23,R24,R31,R37,R40, R42,R52,R67,R76,R79,R83,R85, R95,R99,R106,R119
1	12.1k\1%	R_0603_5MIL_DWS	R115
1	13k\1%	R_0402_5MIL_DWS	R41
1	27k	R_0402_5MIL_DWS	R46
1	47k	R_0402_5MIL_DWS	R59
4	100k	R_0402_5MIL_DWS	R30,R35,R103,R116
1	200k\1%	R_0402_5MIL_DWS	R27
1	1M	R_0402_5MIL_DWS	R22
1	10M	R_0402_5MIL_DWS	R93
2	RA0805_(4X0402)_22R	RA0805_(4X0402)_xx_BIGGEROUTPADS	RM1,RM15
1	RA0805_(4X0402)_4.7k	RA0805_(4X0402)_xx_BIGGEROUTPADS	RM8
1	RA1206_(4x0603)_4B8_100k	RA1206_(4X0603)_4B8_xx	RM7
1	1nF\2kV/10%/X7R	C_1206_5MIL_DWS_ISO	C196
2	22pF\50V/5%	C_0402_5MIL_DWS	C183,C184
1	24pF\50V/5%	C_0402_5MIL_DWS	C93
4	27pF\50V/5%	C_0402_5MIL_DWS	C185,C187,C212,C213
4	33pF\50V/5%	C_0402_5MIL_DWS	C48,C62,C84,C85
80	100nF/10V/X5R/20%	C_0402_5MIL_DWS	C1,C2,C3,C4,C6,C7,C8,C9,C11, C12,C13,C14,C15,C17,C18,C19, C20,C22,C23,C24,C25,C28,C29, C30,C31,C32,C33,C34,C35,C37, C39,C44,C45,C46,C50,C51,C52, C58,C60,C65,C66,C67,C72,C73, C74,C79,C80,C82,C83,C86,C87, C109,C110,C115,C117,C123,C127, C130,C132,C134,C155,C156,C158, C177,C186,C189,C191,C195,C197, C199,C200,C203,C206,C207,C208, C209,C210,C215,C216,C217
12	1uF/10V/10%	C_0603_5MIL_DWS	C27,C55,C120,C135,C137,C142, C160,C163,C181,C182,C190,C211
5	2.2uF\6.3V/10%	C_0603_5MIL_DWS	C36,C38,C43,C56,C61

60	10uF/6.3V/20%	C_0603_5MIL_DWS	C5,C10,C16,C21,C26,C47,C49, C53,C54,C57,C59,C63,C116,C121, C122,C124,C125,C126,C128,C129, C131,C133,C136,C138,C139,C140, C141,C143,C144,C145,C146,C147, C148,C149,C150,C151,C152,C153, C154,C157,C159,C161,C162,C164, C165,C166,C167,C168,C169,C170, C171,C172,C173,C175,C176,C178, C179,C188,C192,C194
6	22uF\6.3V/20%	C_0603_5MIL_DWS	C42,C204,C205,C214,C218,C219
10	47uF\6.3V/20%	C_0805_5MIL_DWS	C64,C68,C71,C75,C78,C118,C119, C180,C201,C202
1	2.2uH\3A/YS75/7x8	YS75_7X8MM	L16
3	SWPA3015S1R5NT (1.5uH\2.30A/DCR<0.1R/CD32)	CD32	L14,L19,L20
3	SWPA4018S1R5NT (1.5uH\3.35A/DCR<0.1R/CD43)	CD42(43)	L15,L17,L18
10	UPZ2012E-601-2R0TF/600R/2A	L_0805_5MIL_DWS	L1,L2,L3,L4,L5,L6,L8,L21,L23,L24
1	1N4007\SMA	SMA-KA	D5
2	1N5819(S4SOD-123)	SOD-123_1C-2A_KA	D3,D4
1	1N5822\SS34/SMA	SMA-KA	D2
1	SMBJ6.0A	DO214AA_1(K)-2(A)	D1
1	LED\YELLOW/0603	LED_0603_KA	CHGLED1
2	LED/Red/0603	LED_0603_KA	PWRLED1,GPIO_LED1
1	WPM1481-6\TR(DFN2X2-6L)	DFN2x2-6L	T1
2	IRLML6402(SOT-23)	SOT23	FET2,FET3
2	BSS138(SOT23-3)	SOT23	FET1,FET4
1	Q32.768kHz/12.5pF/SMD1206	CM7V-T1A(Crystal_Package-1206)	Q2
1	ABM8-24.000MHZ-D2Y-T	TSX-3.2x2.5mm_GND(3)	Q3
1	ABM8-25.000MHZ-D2Y-T	TSX-3.2x2.5mm_GND(3)	Q4
1	AllWinner-A64(FBGA396)	FBGA396	U1
2	K4B8G1646D-MYK0 (8Gb)IND	FBGA96(HYNIX_SAMSUNG_DDR3)	U2,U3
1	**MTFC8GAKAJCN-4M_IT(8GB IND)**	**FBGA153_Pitch-0.5mm_Ball-0.25mm**	**U5**
1	SSP61CN4502MR	SOT-23	U16
1	AT24C16C-SSHM-T	SOIC-8_150mil	U4
1	KSZ9031RNXIC-TR	QFN48_1DRILL(PADPITCH-0.5MM)	U15
1	AXP803(QFN68_8x8mm)	QFN68	U14
1	MT3608(SOT23-6)	SOT23-6	U13
1	AMS1117-1.2 (INDUSTRIAL)	SOT223	VR1
2	SY6280AAC(SOT23-5)	SOT-23-5	U6,U9
2	ESDS314DBVR(SOT-23-5)	SOT-23-5	TVS1,TVS2
1	HDMI-SWM-19	HDMI-SWM-19_Paste	HDMI1
1	TM211Q01FM22	TM211Q01FM22	LAN1
1	MISB-SWMM-5B-LF	USB-MICRO_MISB-SWMM-5B_LF_Past	USB-OTG1
1	USB-SUWH-4A-LF	USB_A_VERTICAL_PTH	USB1
2	SCJ325P00XG0B02G	SCJ325P00XG0B02G	HEADPHONES/LINEOUT1, MIC/LINEIN1
1	PWRJ-2mm(YDJ-1134)	PWRJ-2mm(YDJ-1134)	PWR1
1	MICRO_SD(TFC-WPAPR-08)	TFC-WPAPR-08	MICRO_SD1
1	DW02R	LIPO_BAT-CON2DW02R	LIPO_BAT1
1	FPV-WZA21-40-LF	FPV-WZA21-40-LF	LCD_CON1
1	FPV-WZA21-20-LF	FPV-WZA21-20-LF	MIPI-DSI1
1	HN2x5	HN2x5	UEXT1
1	HN1x3	HN1x3	DBG_UART1
3	IT-1185AU2-160G-G-TR	IT1185AU2_V2	UBOOT1,RESET1,PWRON1
1	HN1x2(Opened)	HN1x2_Jumper	PHYRST1
3	Opened(2-3);Soldered(1-2)	SJ_2_SMALL	LINEINL/MICIN2, LINEINR/MICIN1,PWR_PC1
2	Soldered(1-2);Opened(2-3)	SJ_2_SMALL	HPHONEOUTL/LINEOUTL1, HPHONEOUTR/LINEOUTR1

1	Opened(2-3);Closed(1-2)	SJ_2_SMALL_12_TIED	3.3V/VCC-PE:2.8V1
1	Opened	SJ_1_SMALLER	5V_E1
2	Opened	SJ	HSIC_E1,WP_Enable1
1	NA(RTL8723BS(ComboModule))	RL-SM02BD(RTL8723BS)	U11
1	NA(0.8pF\C0402)	C_0402_5MIL_DWS	C106
1	NA(3.3nH_LQP15MN3N3B02D)	L_0402_5MIL_DWS	L10
3	NA(22R)	R_0402_5MIL_DWS	R15,R73,R54
1	NA	C_0402_5MIL_DWS	C94
11	NA	R_0402_5MIL_DWS	R131,R132,R127,R128,R96,R97, R98,R84,R6,R118,R55
1	NA(B4B-PH-K-S)	B4B-PH-K-S	HSIC1
7	NA(10k)	R_0402_5MIL_DWS	R62,R61,R104,R48,R53,R56,R57
1	NA(W25Q128FVSIG)	SO-8_208mil	U12
2	NA(RA1206_(4x0603)_4B8_100k)	RA1206_(4X0603)_4B8_xx	RM9,RM12
3	NA(10uF\6.3V/20%)	C_0603_5MIL_DWS	C91,C89,C174
4	NA(47uF\6.3V/20%)	C_0805_5MIL_DWS	C69,C70,C76,C77
3	NA(100nF\10V/10%)	C_0402_5MIL_DWS	C90,C92,C81
1	NA(10pF\50V/5%)	C_0402_5MIL_DWS	C105
1	NA(1.5pF\C0402)	C_0402_5MIL_DWS	C107
1	NA(1nF\50V/10%)	C_0402_5MIL_DWS	C193
1	NA(5025)	FUSE-5025	FUSE2
2	NA(2.2k)	R_0402_5MIL_DWS	R101,R102
1	NA(1M)	R_0402_5MIL_DWS	R32
4	NA(510R)	R_0402_5MIL_DWS	R39,R43,R44,R45
3	NA(0R)	R_0402_5MIL_DWS	R60,R16,R17
2	NA(243R\1%)	R_0402_5MIL_DWS	R13,R14
2	NA(24pF\50V/5%)	C_0402_5MIL_DWS	C198,C88
1	NA(1k)	R_0402_5MIL_DWS	R28
3	NA(RCLAMP0524P(SLP2510P8))	SLP2510P8_TEST	U7,U8,U10
1	NA(HN2x20)	HN2x20	GPIO1
2	NA(2.7nH\L0402)	L_0402_5MIL_DWS	L7,L9
1	NA(U.FL-R-SMT-1)	U.FL-R-SMT-1	ANT2