| 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 |
| 19 | 22R | R_0402_5MIL_DWS | R3,R4,R18,R19,R33,R63,R65, R72,R64,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,R110,R107, R108,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 |
| 15 | 10k | R_0402_5MIL_DWS | R20,R24,R31,R37,R40,R42,R52, 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_BIGGERPADS | RM1,RM15 |
| 1 | RA0805_(4X0402)_4.7k | RA0805_(4X0402)_xx_BIGGERPADS | 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,C213,C212 |
| 4 | 33pF\50V/5% | C_0402_5MIL_DWS | C48,C62,C84,C85 |
| 77 | 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,C39,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,C216, C215,C217 |
| 12 | 1uF/10V/10% | C_0603_5MIL_DWS | C27,C55,C120,C135,C137, C142,C160,C163,C181,C182, C190,C211 |
| 2 | 2.2uF\6.3V/10% | C_0603_5MIL_DWS | 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 |
| 5 | 22uF\6.3V/20% | C_0603_5MIL_DWS | 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 |
| 9 | UPZ2012E-601-2R0TF/600R/2A | L_0805_5MIL_DWS | 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 |
| 2 | ESDS314DBVR(SOT-23-5) | SOT-23-5 | TVS1,TVS2 |
| 2 | LED/Red/0603 | LED_0603_KA | PWRLED1,GPIO_LED1 |
| 1 | LED\YELLOW/0603 | LED_0603_KA | CHGLED1 |
| 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/2P/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 |
| 1 | KSZ9031RNXCC-TR | QFN48_1DRILL(PADPITCH-0.5MM) | U15 |
| 2 | K4B4G1646E-BYMA0CV | FBGA96(HYNIX_SAMSUNG_DDR3) | U2,U3 |
| 2 | SY6280AAC(SOT23-5) | SOT-23-5 | U6,U9 |
| 1 | AT24C16C-SSHM-T | SOIC-8_150mil | U4 |
| 1 | SSP61CN4502MR | SOT-23 | U16 |
| 2 | SCJ325P00XG0B02G | SCJ325P00XG0B02G | HEADPHONES/LINEOUT1, MIC/LINEIN1 |
| 1 | MT3608(SOT23-6) | SOT23-6 | U13 |
| 1 | AXP803(QFN68_8x8mm) | QFN68 | U14 |
| 1 | LD1117AG-AD-AA3-A-R | SOT223 | VR1 |
| 1 | FPV-WZA21-20-LF | FPV-WZA21-20-LF | MIPI-DSI1 |
| 1 | FPV-WZA21-40-LF | FPV-WZA21-40-LF | LCD_CON1 |
| 1 | MICRO_SD(TFC-WPAPR-08) | TFC-WPAPR-08 | MICRO_SD1 |
| 1 | MISB-SWMM-5B-LF | USB-MICRO_MISB-SWMM_Past | USB-OTG1 |
| 1 | USB-SUWH-4A-LF | USB_A_VERTICAL_PTH | USB1 |
| 1 | TM211Q01FM22 | TM211Q01FM22 | LAN1 |
| 1 | HDMI-SWM-19 | HDMI-SWM-19_Paste | HDMI1 |
| 1 | DW02R | LIPO_BAT-CON2DW02R | LIPO_BAT1 |
| 1 | PWRJ-2mm(YDJ-1134) | PWRJ-2mm(YDJ-1134) | PWR1 |
| 1 | HN1x3 | HN1x3 | DBG_UART1 |
| 1 | HN2x5 | HN2x5 | UEXT1 |

| 3 | IT-1185AU2-160G-G-TR | IT1185AU2_V2 | UBOOT1,PWRON1,RESET1 |
|---|---|---|---|
| 1 | HN1x2(Opened) | HN1x2_Jumper | PHYRST1 |
| 1 | Opened | SJ_1_SMALLER | 5V_E1 |
| 2 | Opened | SJ | HSIC_E1,WP_Enable1 |
| 3 | Opened(2-3);Soldered(1-2) | SJ_2_SMALL | LINEINR/MICIN1, LINEINL/MICIN2,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 |
| 4 | NA(47uF\6.3V/20%) | C_0805_5MIL_DWS | C69,C70,C76,C77 |
| 3 | NA(10uF\6.3V/20%) | C_0603_5MIL_DWS | C91,C89,C174 |
| 3 | NA(100nF\10V/10%) | C_0402_5MIL_DWS | C92,C90,C81 |
| 4 | NA(510R) | R_0402_5MIL_DWS | R39,R43,R44,R45 |
| 1 | NA(RTL8723BS(ComboModule)) | RL-SM02BD(RTL8723BS) | U11 |
| 1 | NA(1nF\50V/10%) | C_0402_5MIL_DWS | C193 |
| 1 | NA(HN2x20) | HN2x20 | GPIO1 |
| 10 | NA(10k) | R_0402_5MIL_DWS | R104,R48,R61,R21,R23,R57, R67,R53,R56,R62 |
| 2 | NA(2.2k) | R_0402_5MIL_DWS | R101,R102 |
| 1 | NA(B4B-PH-K-S) | B4B-PH-K-S | HSIC1 |
| 1 | NA(1M) | R_0402_5MIL_DWS | R32 |
| 11 | NA | R_0402_5MIL_DWS | R6,R118,R96,R97,R98,R84, R55,R128,R127,R132,R131 |
| 3 | NA(RCLAMP0524P(SLP2510P8)) | SLP2510P8_TEST | U7,U8,U10 |
| 1 | NA(KLMAG2GEUF-B04P) | FBGA153_Pitch-0.5mm | U5 |
| 2 | NA(2.7nH\L0402) | L_0402_5MIL_DWS | L7,L9 |
| 2 | NA(24pF\50V/5%) | C_0402_5MIL_DWS | C198,C88 |
| 1 | NA(1.5pF\C0402) | C_0402_5MIL_DWS | C107 |
| 4 | NA(22R) | R_0402_5MIL_DWS | R73,R54,R68,R15 |
| 3 | NA(0R) | R_0402_5MIL_DWS | R16,R17,R60 |
| 1 | NA(U.FL-R-SMT-1) | U.FL-R-SMT-1 | ANT2 |
| 1 | NA(3.3nH  LQP15MN3N3B02D) | L_0402_5MIL_DWS | L10 |
| 1 | NA(0.8pF\C0402) | C_0402_5MIL_DWS | C106 |
| 1 | NA(10pF\50V/5%) | C_0402_5MIL_DWS | C105 |
| 2 | NA(243R\1%) | R_0402_5MIL_DWS | R14,R13 |
| 3 | NA(100nF/10V/X5R/20%) | C_0402_5MIL_DWS | C35,C44,C37 |
| 3 | NA(2.2uF\6.3V/10%) | C_0603_5MIL_DWS | C38,C43,C36 |
| 1 | NA(22uF\6.3V/20%) | C_0603_5MIL_DWS | C42 |
| 1 | NA(5025) | FUSE-5025 | FUSE2 |
| 1 | NA(UPZ2012E-601-2R0TF) | L_0805_5MIL_DWS | L1 |
| 2 | NA(RA1206_(4x0603)_4B8_100k) | RA1206_(4X0603)_4B8_xx | RM9,RM12 |
| 1 | NA(1k) | R_0402_5MIL_DWS | R28 |
| 1 | NA(W25Q128FVSIG) | SO-8_208mil | U12 |
| 1 | NA | C_0402_5MIL_DWS | C94 |