

| Quantity  | Designation                                   | Package      | Designator   |
|-----------|---|--------------|--|
| 4         | 0R(Board_Mounted)                             | R0402        | R34,R86,R87,R94  |
| 1         | 0R(Board_Mounted)                             | R0603        | R36  |
| <b>1</b>  | <b>0R</b>                                     | <b>R0402</b> | <b>R16</b>   |
| 1         | 0.01R\1%/1206                                 | R1206        | R78  |
| <b>23</b> | 22R   | R0402        | R3,R4,R15, <b>R18,R19</b> ,R33,R54,R63,R64,R65,R66,R68,R72,R105,R109,R121,R122,R123,R124,R125,R126,R129,R130   |
| 1         | 100R\1%                                       | R0402        | R2   |
| 1         | 120R  | R0603        | R120   |
| 3         | 243R\1%                                       | R0402        | R7,R9,R10  |
| 1         | 470R  | R0402        | R25  |
| 12        | 1k  | R0402        | R58,R89,R91,R92,R107,R108,R110,R111,R112,R113,R114,R117  |
| 1         | 1.1k\1%                                       | R0402        | R81  |
| 7         | 2k\1%   | R0402        | R1,R5,R8,R11,R12,R26,R29   |
| 10        | 2.2k  | R0402        | R47,R50,R70,R71,R74,R75,R77,R82,R88,R90  |
| 1         | 3.92k\1%                                      | R0402        | R49  |
| 2         | 4.7k  | R0402        | R38,R51  |
| 1         | 8.25k\1%                                      | R0402        | R80  |
| 17        | 10k   | R0402        | R21,R23,R31,R37,R40,R42,R52,R62,R67,R76,R79,R83,R85,R95,R99,R106,R119  |
| 1         | 12.1k\1%                                      | R0603        | R115   |
| 1         | 13k\1%  | R0402        | R41  |
| 1         | 27k   | R0402        | R46  |
| 1         | 47k   | R0402        | R59  |
| 4         | 100k  | R0402        | R30,R35,R103,R116  |
| 1         | 200k\1%                                       | R0402        | R27  |
| 1         | 10M   | R0402        | R93  |
| 2         | RA0805_(4X0402)_22R                           | RA0805       | RM1,RM15   |
| 1         | RA0805_(4X0402)_4.7k                          | RA0805       | RM8  |
| 3         | RA1206_(4x0603)_4B8_100k                      | RA1206       | RM7,RM9,RM12   |
| 1         | FSMD035                                       | F1206        | FUSE1  |
| 1         | 3.3nH/+0.1nH/LQP15MN3N3B02D                   | L0402        | L10  |
| 3         | SWPA3015S1R5NT<br>(1.5uH\2.30A/DCR<0.1R/CD32) | CD32         | L14,L19,L20  |
| 3         | SWPA4018S1R5NT<br>(1.5uH\3.35A/DCR<0.1R/CD43) | CD42(43)     | L15,L17,L18  |
| 1         | 2.2uH\3A/YS75/7x8                             | YS75_7X8MM   | L16  |
| 10        | FB0805\600R/2A                                | L0805        | L1,L2,L3,L4,L5,L6,L8,L21,L23,L24   |
| 1         | 0.8pF\C0402                                   | C0402        | C106   |
| 1         | 1.5pF\C0402                                   | C0402        | C107   |
| 1         | 10pF\50V/5%                                   | C0402        | C105   |
| 2         | 22pF\50V/5%                                   | C0402        | C183,C184  |
| 1         | 24pF\50V/5%                                   | C0402        | C93  |
| 8         | 33pF\50V/5%                                   | C0402        | C48,C62,C84,C85,C185,C187,C212,C213  |
| 1         | 1nF\2kV/10%/X7R                               | C1206        | C196   |
| 82        | 100nF\10V/10%                                 | C0402        | 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,C90,C92,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%   | C0603              | C27,C55,C120,C135,C137,C142,C160,C163,C181,C182,C190,C211   |
| 5  | 2.2uF\6.3V/10%  | C0603              | C36,C38,C43,C56,C61   |
| 62 | 10uF\6.3V/20%   | C0603              | C5,C10,C16,C21,C26<br>C47,C49,C53,C54,C57,C59,<br>C63,C89,C91,C116,C121,C122,<br>C124,C125,C126,C128,C129,<br>C131,C133,C136,C138,C139,<br>C140,C141,C143,C144,C145,<br>C146,C147,C148,C149,C150,<br>C151,C152,C153,C154,C157,<br>C159,C161,C162,C164,C165,<br>C166,C167,C168,C169,C170,<br>C171,C172,C173,C175,C176,<br>C178,C179,C188,C192,C194 |
| 6  | 22uF\6.3V/20%   | C0603              | C42,C204,C205,C214,C218,C219  |
| 10 | 47uF\6.3V/20%   | C0805              | C64,C68,C71,C75,C78,C118,<br>C119,C180,C201,C202  |
| 1  | 1N4007\SMA  | SMA                | D5  |
| 1  | 1N5819(S4SOD-123)   | SOD-123            | D4  |
| 2  | 1N5822\SS34/SMA   | SMA                | D2,D3   |
| 1  | SMBJ6.0A  | DO214AA            | D1  |
| 1  | LED\YELLOW/0603   | LED0603            | CHGLED1   |
| 2  | LED\Red/0603  | LED0603            | PWRLED1,GPIO_LED1   |
| 1  | BSS138(SOT23-3)   | SOT23              | FET1  |
| 1  | IRLML6402(SOT-23)   | SOT23              | FET2  |
| 1  | WPM1481-6\TR(DFN2X2-6L)                                     | DFN2x2-6L          | T1  |
| 1  | Q32.768kHz/12.5pF/2P/SMD1206                                | Q1206              | Q2  |
| 1  | Q24MHZ\20pF/20ppm/2P/5x3.2mm                                | 5.0x3.2mm          | Q3  |
| 1  | Q25MHZ\20pF/20ppm/2P/5x3.2mm                                | 5.0x3.2mm          | Q4  |
| 1  | AllWinner-A64(FBGA396)                                      | FBGA396            | U1  |
| 1  | AMS1117(ADJ)  | SOT223             | VR1   |
| 1  | AT24C16C-SSHM-T(SOIC-8_150mil)                              | SOIC-8             | U4  |
| 1  | AXP803(QFN68_8x8mm)   | QFN68              | U14   |
| 1  | KLMAG2GEND-B031(FBGA153)                                    | FBGA153            | U5  |
| 1  | KSZ9031RNXCC(QFN48)   | QFN48              | U15   |
| 2  | K4B4G1646Q-HYK0<br>(FBGA-96_256Mx16_<br>DDR3-1600_11-11-11) | FBGA96             | U2,U3   |
| 1  | MT3608(SOT23-6)   | SOT23-6            | U13   |
| 1  | RTL8723BS(ComboModule)                                      | RTL8723BS          | U11   |
| 2  | SY6280AAC(SOT23-5)  | SOT-23-5           | U6,U9   |
| 3  | IT-1185AU2-160G-G-TR  | IT1185AU2_V2       | UBOOT1,RESET1,PWRON1  |
| 1  | PWRJ-2mm(YDJ-1134)  | YDJ-1134           | PWR1  |
| 1  | DW02R   | DW02R              | 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  | HN1x3   | HN1x3              | DBG_UART1   |
| 1  | HN2x5   | HN2x5              | UEXT1   |
| 1  | HDMI-SWM-19   | HDMI-SWM-19        | HDMI1   |
| 1  | MICRO_SD(TFC-WPAPR-08)                                      | TFC-WPAPR-08       | MICRO_SD1   |
| 1  | MICRO_USB\MISB-SWMM-5B_LF                                   | MISB-SWMM-5B_LF    | USB-OTG1  |
| 2  | SCJ325P00XG0B02G  | SCJ325P00XG0B02G   | HEADPHONES/LINEOUT1,<br>MIC/LINEIN1   |
| 1  | TM211Q01FM22  | TM211Q01FM22       | LAN1  |
| 1  | USB_A_VERTICAL  | USB_A_VERTICAL     | USB1  |
| 1  | PCB_WIFI_ANT  | BT_Antenna         | ANT1  |
| 3  | Opened  | SJ                 | 5V_E1,HSIC_E1,WP_Enable1  |
| 1  | Opened(2-3);Closed(1-2)                                     | SJ_2_SMALL_12_TIED | 3.3V/VCC-PE:2.8V1   |

|    |                                  |                   |   |
|----|----------------------------------|-------------------|---|
| 2  | Opened(2-3);Soldered(1-2)        | SJ_2_SMALL        | LINEINL/MICIN2,<br>LINEINR/MICIN1                   |
| 2  | Soldered(1-2);Opened(2-3)        | SJ_2_SMALL        | HPHONEOUTL/LINEOUTL1,<br>HPHONEOUTR/LINEOUTR1       |
| 1  | <b>Soldered(1-2);Opened(2-3)</b> | <b>SJ_2_SMALL</b> | <b>PWR_PC1</b>                                      |
| 1  | HN1x2(Opened)                    | HN1x2_Jumper      | PHYRST1   |
|    |                                  |                   |   |
| 2  | NA(0R)                           | R0402             | <b>R17</b> ,R60                                     |
| 11 | NA                               | R0402             | R6,R55,R84,R96,R97,R98,<br>R118,R127,R128,R131,R132 |
| 1  | NA(22R)                          | R0402             | R73   |
| 2  | NA(243R\1%)                      | R0402             | R13,R14   |
| 4  | NA(510R)                         | R0402             | R39,R43,R44,R45                                     |
| 1  | NA(1k)                           | R0402             | R28   |
| 2  | NA(2.2k)                         | R0402             | R101,R102   |
| 6  | NA(10k)                          | R0402             | R48,R53,R56,R57,R61,R104                            |
| 1  | NA(1M)                           | R0402             | R32   |
| 3  | NA(RCLAMP0524P(SLP2510P8))       | SLP2510P8         | U7,U8,U10   |
| 1  | NA(5025)                         | FUSE-5025         | FUSE2   |
| 2  | NA(2.7nH\L0402)                  | L0402             | L7,L9   |
| 1  | NA                               | C0402             | C94   |
| 2  | NA(24pF\50V/5%)                  | C0402             | C88,C198  |
| 1  | NA(1nF\50V/10%)                  | C0402             | C193  |
| 1  | NA(100nF\10V/10%)                | C0402             | C81   |
| 1  | NA(10uF\6.3V/20%)                | C0603             | C174  |
| 4  | NA(47uF\6.3V/20%)                | C0805             | C69,C70,C76,C77                                     |
| 1  | NA(W25Q128FV\SIG)                | SO-8              | U12   |
| 1  | NA(B4B-PH-K-S)                   | B4B-PH-K-S        | HSIC1   |
| 1  | NA(HN2x20)                       | HN2x20            | GPIO1   |
| 1  | <b>NA(U.FL-R-SMT-1)</b>          | <b>U.FL</b>       | <b>ANT2</b>   |