Bill of Materials Bill of Materials for Project [WackyHatProject.PrjPcb] (No PCB Document Selected) Source Data From: WackyHatProject.PrjPcb Project: WackyHatProject.PriPcb Variant: Creation Date: 29/04/2021 8:33 am Print Date 29-Apr-21 C1, C3, C11, C22, C23, C24, C25, C27, C28, C29, C30, C31, C33 CAP CER 100nE X7R +-10% 50V 0603 CAPC1608I 100nl CC 100nF 0603 C2, C4, C8, C9, C15, C18 C5, C7 CC_10nF_0603 CAP CER 10nF X7R +-10% 50V 0603 10nF CAPC1608I 10uF CC 10uF 0603 CAP CER 10UE X5R +-20% 6V3 0603 CAPC1608L CC_2.2uF_0603 CAP CER 2.2uF X5R +-20% 10V 0603 CAPC2012I 10uF CC 10uF 0805 10V C10. C26 CAP CFR 10uF X7R +-20% 10V 0805 CAPC3216L 47uF CC_47uF_1206 CAP CER 47uF X5R -/+20% 6V 1206 C13 NICH-1 100uF/16V CA 100uF 16V CAP ALUM 100uF 16V SMD CAPC1608L CAPC1608N CC_1uF_0603 CC_4.7uF_0603 C14, C17 CAP CER 1uF Y5V -20% +80% 16V 0603 CAP CER 4.7uF X5R +-20% 10V 0603 4.7uF CAPC1608I 27nF CC 27nF 0603 C20 C21 CAP CER 27nE NPO/COG +-5% 50V 0603 DO-214AA_SCL D1, D3, D4, D5, D6, D7 DIODE ZENER 5.6V 5W DO214AA DIODE ZENER 5.6V SMBJ5339B-TP SMC SCHOTTKY 30V 4A MBRS330T3G DIODE SCHOTTKY 30V 4A SMC DL1 DL2 F1 WL-SMCW0603 DL_150060BS75000 LED Blue 270mcd 0603 SMD Blue Dark Green LED Dk Green 430mcd 0603 SMD WL-SMCW0603 DL_150060GS75000 RESC3216N FS_Fuse_5.0A Fuse 5.0A Fast Acting 1206 SMD F2 H1 H2, H3 H4 Fuse 2.0A Very Fast Acting 1206 SMD RESC3216N FS Fuse 2.0A MOLEX_KK_10_HDR MOLEX_KK_2_HDR JA_MOLEX_KK_10POS JA_MOLEX_KK_2POS 10 Pin Moley KK Hdi CONN HEADER 10POS 2.54mm VERT Thru Hole 2 Pin Molex KK HDR CONN HEADER 2POS 2.54mm VERT_Thru Hole MOLEX KK 3 HDR 3 Pin Molex KK Hdr JA MOLEX KK 3POS CONN HEADER 3POS 2.54mm VERT. Thru Hole BATT_HEADER_3POS attery_HEADER_3pin Battery_HEADER_3pin Pin Header 2.54mm spacing H6 H7, H8 CONN USB MICRO B RECPT SMT R/A FCI USB 10118194-0001 JS USB MICRO B JS USB MICRO B SMT Pin Molex KK Hdr MOLEX_KK_4_HDR JA_MOLEX_KK_4POS CONN HEADER 4POS 2.54mm VERT_Thru Hole IDC2.54-V10D Header 5X2 Vert JA HDR IDC 5X2 VERT Н9 DC Header, 2.54mm, 10-Pin, Vert 100Mil Jumper 1A max, Idc 0.3R TP_JUMPER_CO IN_Ferrite-Bead 2.54mm Jumper change over, Thru Hole Ferrite Bead, Rdc 0.3R, Z100MHZ 600R, Imax 1A, SMD IMP2 54-CO INDC3216L L1, L3 L2 Q1, Q2 R1, R2, R3, R5, R6, R13, R16, R17 INDLICTOR5u2 IND 5 21 IH 6A CDRH104RNP-5R2NC FIXED IND 5.2UH 6A 22 MOHM SMD SOT23_L TM_SSM3J328R MOSFET P-CH 20V 6A SOT23-3 SSM3J328R.L RESC1608I RS ORO RES 0.0 OHM 1/10W 5% 0603 SMD 1K 270R RESC1608L R4 R7, R8 RES 1.0K OHM 1/10W 5% 0603 SMD RES 270 OHM 1/10W 5% 0603 SMD RESC1608L RS_270F 15K 47K RES 15.0K OHM 1/10W 5% 0603 SMD RES 47.0K OHM 1/10W 5% 0603 SMD RESC1608L R10 RESC1608N RS 47K RESC1608L 27K 36K 47K 24K 10K 27R RS_27K RS_36K R11 RES 27K OHM 1/10W 5% 0603 SMD RES 36K OHM 1/10W 5% 0603 SMD R12 R14 RESC1608L RESC1608I RS 47K RES 47.0K OHM 1/10W 5% 0603 SMD RS_24K RES 24K OHM 1/10W 5% 0603 SMD RESC1608L RESC16081 RS 10K R18. R19 RES 10.0K OHM 1/10W 5% 0603 SMD RESC1608L RS_27R RES 27 OHM 1/10W 5% 0603 SMD RESC1608L 2K RS 2K R22, R23 RES 2K OHM 1/10W 5% 0603 SMD RES 1R OHM 1/4W 5% 1206 SMD RES 360 OHM 1/10W 5% 0603 SMD RESC3216L RT_1R P24 R25, R26 RESC1608L 360R RS_360R DIP SW 4WAY SMD WS SW DIP-4 WS SW DIP-4 DIP Switch, 4 Position, SPST SMD EVQPNF05M RESET WS_EVQPNF05M anasonic 6 x 3.5mm SMD Light Touch Switch Type SMI S2 S3 Panasonic 6 x 3.5mm SMD Light Touch Switch Type SMI EVOPNE05M SLEEP WS EVOPNE05M T1 TP1 SOT23_L MOSFET N-CH 20V 1.05A SOT-23 TP_0603 IMU Int Alt TP_0603 Test Point 1.65X0.9X1.2mm SMD TP_0603 IMU Data Alt TP_0603 TP2 Test Point 1.65X0.9X1.2mm SMD TP3 TP 0603 IMU Clock Alt TP 0603 Test Point 1.65X0.9X1.2mm SMD TP_0603 TP_0603 Test Point 1.65X0.9X1.2mm SMD Test Point 1.65X0.9X1.2mm SMD TP_0603 Piezo Alt TP_0603 Peizo Alt TP 0603 TP 0603 TP 0603 TP6 Test Point 1.65X0.9X1.2mm SMD Test Point 1.65X0.9X1.2mm SMD TP_0603 ERASE TP_0603 TP 0603 Piezo 22 TP 0603 TP12 Test Point 1.65X0.9X1.2mm SMD TP13 TP_0603 Piezo 21 Test Point 1.65X0.9X1.2mm SMD TP 0603 Piezo 12 TP 0603 Test Point 1.65X0.9X1.2mm SMD TP_0603 TP_0603 TP_0603 TP_0603 TD15 Test Point 1.65X0.9X1.2mm SMD Test Point 1.65X0.9X1.2mm SMD 3V3 Radio TP16 TP 0603 VPIEZO TP 0603 TP17 Test Point 1 65X0 9X1 2mm SMD Test Point 1.65X0.9X1.2mm SMD TP_0603 TP_0603 TP 0603 VBUS TP 0603 TP19 Test Point 1.65X0.9X1.2mm SMD TP_0603 Test Point 1.65X0.9X1.2mm SMD TP_0603 3V3 TP_0603 TP21 TP_0603 VBATT Test Point 1.65X0.9X1.2mm SMD TP22 TP23 TP_0603 uzzer Lov TP_0603 Test Point 1.65X0.9X1.2mm SMD TP 0603 SWDIO TP 0603 Test Point 1.65X0.9X1.2mm SMD TP_0603 TP_0603 Test Point 1.65X0.9X1.2mm SMD Test Point 1.65X0.9X1.2mm SMD TP_0603 LED Signal TP24 TP_0603 Radio MISC TP25 TP 0603 Radio MOS TP 0603 TP26 Test Point 1.65X0.9X1.2mm SMD Test Point 1.65X0.9X1.2mm SMD TP_0603 IMU DATA TP_0603 TP 0603 IMU INT TP 0603 TP28 Test Point 1.65X0.9X1.2mm SMD Buzzer High Test Point 1.65X0.9X1.2mm SMD TP_0603 TP30 Test Point 1.65X0.9X1.2mm SMD TP_0603 SWCLK Test Point 1.65X0.9X1.2mm SMD Test Point 1.65X0.9X1.2mm SMD TP_0603 Radio CLK TD31 MU CLK TP_0603 TP32 TP_0603 Quad24 MPI I-9250 111 I IMI aixe P NRF24 nRF24 SMD nRF24 SMD Module NRF24 Dual H-Bridge Motor Driver 1.5A 1.8V - 5V level converter HTSOP16 DRV8833 DRV8833 U3 SN74LVC1T45 SOT23-6_N U4, U7, U8 RD_8_1 comment ADP2302ARDZ-5.0-R7 IC REG BUCK 5V 2A 8SOIC SOT95P280X145-5N AT6219-330TDGT3 SV_CAT6219-330TDGT3 U6, U9 IC REG LIN 3.3V 500MA TSOT23-5 LQFP64 L omment SE ATSAM4S16BA-MU IC MCU 32BIT 512KB FLASH 64LQFP tick 10k with Sw JOYSTICK 10K OHM 2 AXIS TH CRYSTAL 12MHZ 18PF 6X3.5mm SMD ystick 10k with Sw VR1 KT_CRYSTAL_12MHz_18pF 6.0X3.5-4 2MHz Approv

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