

Comment	Description	Designator	Footprint	LibRef	Quantity	MANUFACTURER	PART
BAT_CR2032_1	CR2032 battery in holder	B1	BAT_CR2032_CH7410-2032LF	BAT_CR2032_1		Takachi Electric Industrial	CH7410-2032LF
CON_HDR_2X1_0_1 IN	2 PIN HEADER	J7	CON_HDR_2X1	CON_HDR_2X1_0_1 IN		TE CONNECTIVITY / AMP	B25433-2
CON_HDR_3X1_0_1 IN	3 PIN HEADER	J8	CON_HDR_3X1	CON_HDR_3X1_0_1 IN		MOLEX	22-03-2031
CON_HDR_6X1_0_1 IN	6 PIN HEADER	J2, J5	CON_HDR_6X1	CON_HDR_6X1_0_1 IN		TE	826629-6
CON_HDR_23X1	0.1in HEADER STRIP 23X1	J4	CON_HDR_23X1	CON_HDR_23X1		1 SAMTEC	TSW-123-07-T-5
CON_JACK_STEREO_0_35MM_SMD	3.5 MM STEREO SMT JACK SOCKET SMD	J6	CON_JACK_STEREO_0_35MM_SMT	CON_JACK_STEREO_0_35MM_SMD		1 LUMBERG	1503 03
CON_JST_2MM_2W_SMD_H	2 PIN 2MM SMT JST CONNECTOR	J1	CON_JST_S2B-PH-SM4-TB	CON_JST_2MM_2W_SMD_H		1 JST	S2B-PH-SM4-TB(LF)(J5N)
CON_USB_MICRO_AB_MOLEX	USB Micro-AB socket Molex 47589-0001	J3	CON_USB_MICRO_AB_MOLEX	CON_USB_MICRO_AB_MOLEX		1 Molex	47589-0001
1U_6V3	CAP_1u_6V3_0402_10%_X6S	C1, C4, C5, C8, C16, C19, C20, C26, C27	C_0402	CAP_1u_6V3_0402_10%_X6S		9 VAGEO	CC0402KRX7R7B104
CAP_100N_25V_0402_10%_X5R	CAP_100N_25V_0402_10%_X5R	C2, C3, C6, C7, C9, C10, C11, C23, C24	C_0402	CAP_100N_25V_0402_10%_X5R		9 TAIYO YUDEN	TMK105BJ104KV-F
CAP_12PF_25V_0402	CAP_12PF_25V_0402	C21, C22	C_0402	CAP_12PF_25V_0402		2	
CAP_2.2nF_0402	CAP_2.2nF_0402	C15, C25	C_0402	CAP_2.2nF_0402		2 MURATA	GRM155R71H222K A01D
CAP_22pF_0402	CAP 0402 COG 50V 22PF	C17, C18	C_0402	CAP_22pF_0402		2 AVX	04025A220JAT2A
CAP_4U7_6V3_X5R_20%_0402	CAP_4U7_6V3_X5R_20%_0402	C12, C13, C14	C_0402	CAP_4U7_6V3_X5R_20%_0402		3 TDK	C1005X5R0J475M
FIDUCIAL	FIDUCIAL - NO CONNECT	F1, F2, F3, F4	FIDUCIAL_OV	FIDUCIAL		4 PCB FEATURE	PCB FEATURE
IC_nRF51822_MO_DULE	RF System on a Chip - SoC 2.4GHz BT low Energy 256KB Flash 16KB Ram	U1	IC_nRF51822_MO_DULE_PASTE	IC_nRF51822_MO_DULE		1 RAYTAC	MOBT40-256V3
IC_MAG3110FCR1	Three-Axis Digital Magnetometer	U3	IC_QFN40P200X20 0X85-10M	IC_MAG3110FCR1		1 FREESCALE	MAG3110FCR1
IC_MMA8653FCR1	3-Axis 10-bit Digital Accelerometer	U2	IC_QFN40P200X20 0X85-10M	IC_MMA8653FCR1		1 FREESCALE	MMA8653FCR1
IC_MKL26Z128VFM4	32bit ARM Cortex M0+ Microcontroller 48MHz 128 KB Flash 32-Pin QFN	U5	IC_QFN50P500X50 0X100-32N	IC_MKL26Z128VFM4		1 NXP	MKL26Z128VFM4
IC_TPS73533DRBR	TPS735 500-mA 3V3, Low Quiescent Current, Ultra-Low Noise, High PSRR, Low-Dropout Linear Regulator	U4	IC_QFN65P300X30 0X100-8M-TI	IC_TPS73533DRBR		1 TI	TPS73533DRBR
LED_0603_BLUE	LED_0603_BLUE	D31	LED_0603_BLUE	LED_0603_BLUE		1 MULTICOMP	OVS-0603
LED_0603_GREEN	LED_0603_GREEN	D30	LED_0603_GREEN	LED_0603_GREEN		1 KINGBRIGHT	KP-3216CGCK
LED_0603_RED	LED RED 0603	D1, D2, D3, D4, D5, D6, D7, D8, D9, D11, D12, D13, D14, D15, D16, D17, D19, D20, D21, D22, D23, D24, D25, D26, D27, D32	LED_0603_RED	LED_0603_RED		26 KINGBRIGHT	KP-1608SURC
L_FERRITE_600R_400mA 0.35R IN 0603	FERRITE 600R 400mA 0.35R IN 0603	L1	L_0603	L_FERRITE_600R_400mA		1 FAIR-RITE	2506036017Y0
MIC_ABM-715-RC	PRO SIGNAL ABM-715-RC ELECTRET MICROPHONE OMNI LEADS	M1	MIC_ABM-715-RC	MIC_ABM-715-RC		1 PRO SIGNAL	ABM-715-RC
R_10K_0402_5%	R_10K_0402_5%	R22, R23, R27	R_0402	R_10K_0402_5%		3	
R_10M_0402_5%	R_10M_0402_5%	R24, R25, R26	R_0402	R_10M_0402_5%		3 VAGEO	RC0603FR-0710ML
R_12K_0402_1%	R_12K_0402_1%	R5	R_0402	R_12K_0402_1%		1	
R_1K_0402_5%	R_1K_0402_5%	R1, R2, R3, R4, R15, R16, R17, R21, R30, R35, R36, R37	R_0402	R_1K_0402_5%		12	
R_33R_0402_5%	R_33R_0402_5%	R19, R20	R_0402	R_33R_0402_5%		2	
R_4K7_0402_5%	R_4K7_0402_5%	R18, R28, R29	R_0402	R_4K7_0402_5%		3	
R_220R_0603_1%	R_220R_0603_1%	R6, R7, R8, R9, R10, R11, R12, R13, R14, R31, R32, R33, R34	R_0603	R_220R_0603_1%		13	
D_BAT43WS-7-F	Schottky 200mA 30V 0.5uA@25Vr 3A Schottky diode with extreme low V F drop (typ. 0.12V at IF = 10mA)	D28	SOD323	D_BAT43WS-7-F		1 Diodes Incorporated	BAT43WS-7-F
D_BAT60A_E6327		D18, D29	SOD323	D_BAT60A_E6327		2 INFINEON	BAT 60A E6327
TR_PNP_NPN_PUMD9	NXP - PUMD9 - TRANSISTOR, DIGITAL, NPN+PNP SOT-363	Q1	SOT363_N	TR_PNP_NPN_PUMD9		1 NXP	PUMD9
D_ESD_PRT5V0U2F_115	Ultra low capacitance double rail-to-rail ESD protection	D10, D33, D34	SOT886	D_ESD_PRT5V0U2F_115		3 NXP	PRT5V0U2F_115
IC_XC6227C331PR-G	Linear Voltage Regulator IC Positive Fixed 1 Output 3.3V 700mA SOT-89-5	U6	SOT895	IC_XC6227C331PR-G		1 TOREX	XC6227C331PR-G
SW_SPST_6MM XTAL_16MHZ_3.2X2	SPST SWITCH 6MM A, B, SW1	X1	SW_FSM4ISMA XTAL_3.2X2 5MM	SW_SPST_6MM XTAL_16MHZ_3.2X2		1 TE CONNECTIVITY / ALCO SWITCH	FSM4ISMA
						1 CTS-Frequency Control	403C1E16M00000