





AD .	uscription	Designator AD1	Footprint Header 6x1 8 5mm	LibRof AD	usintry
1uF	1.5nF, 10%, 50V	01,03	0805	CC0805KRX7R988152	
10uF	10uF, 10%, 25V	C4, C8, C9	0603	C1608C0G1H361J	
0.1uF 0.47uF	0.1uF, 10%, 50V 0.47uF, 10%, 25V	CS, C10 C6, C20	0603 0603	C1608C0G1H361J C1608C0G1H361J	
0.12uF 0.22uF	0.12 uF, 10%, 25V 0.22uF, 10%, 25V	C7 C11, C16	0603	C1608C0G1H361J C1608C0G1H361J	
C-NP	0.12 uF, 10%, 25V, 2000 pF, 10%, 50V	C12, C14, C18, C19	0603	C1608C0G1H361J	
10nF 2000pF	10nF, 10%, 25V 2000pF, 10%, 50V	C13, C15	0603	C1608C0G1H361J	
2.2uF	1.5nF, 10%, 50V EEE-HA Sories 6.3 V	C21	0805	CC0805KRX7R988152	
100uF	100 uF ø 5 x 5.4 mm 105 °C SMT V-Chip Aluminum Electrolytic. EEE-	C22	PNSC-FP-V-C_V	OMP-2000-06213-1	
10uF	HA0/101WR 1.5nF, 10%, 50V	C23, C24, C25, C27	0805	CC0805KRX7R988152	
0.1uF	1.5nF, 10%, 50V	C26	0805	CC0805KRX7R988152 WE-LED_K1A2-	
Blue		D1, D3, D6	1206_A_LED	2_Local WE-LED_K1A2-	
Yellow		D2, D4, D5	1206_A_LED ICSP	2_tocal	
IOH		ICSP1 IOH1	Header 10x1 8.5mm	ICSP IOH	
IOL MSS6132-472MLB	INDUCTOR POWER	HOL1	Header 8x1 8 5mm COILCRAFT MSS6132	IOL MSS4132.472MLB	
OMT-1285C-035	4.7UH SHELDED SMD 12mm, 3.5 Vo-p, 91 dB, Through Hole, Magnetic Audio Transducer Buzzer	LS1	CUI_CMT-1285C-035	OMT-1285C-035	
Display Header	THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Single	P1	61301611121	OMP-1502-01095-1	
BH-678-5	Row, 16 pins BATTERY HOLDER OR	P2	PCBComponent_1	BH-678-5	
BT Header	2032 Header, 9-Pin	P3	HDR1X9	Header 9	
Coll	Male Header, Pitch 2 mm, 1 x 2 Position, Height 4.8 mm, Tail Length 3.4 mm, -25 to 85 degC, RoHS, Bulk	P4	JST-S2B-PH-K-S_V	OMP-1755-00004-1	
Lipo	Male Header, Pitch 2 mm, 1 x 2 Position, Height 4.8 mm, Tail Langth 3.4 mm, -25 to 85 degC, RoHS, Bulk	PS	JST-S2B-PH-K-S_V	OMP-1755-00004-1	
POWER_UNO	MOSFET N-CH SOV	POWERI	Header 8x1 8.5mm	POWER_UNO	
BSS138	220MA SOT-23 Disital Transistor	01, 02, 03, 04, 05	FP-318-08-IPC_B	CMP-07173-000101-1	
MMUN2133LT1G	(BRT), R1+4.7 kOhm, R2+47 kOhm, PNP Transistor, 3-Pin SOT- 23, Pb-Free, Tape and	G6	ONSC-SOT-23-3-318- 08_V	OMP-0630-00284-1	
100k	Reel Contract Trim	R1	FP-3386T-MFG	3386T_1_103TLF	
100k	Potentiometer S0k Ohm ±1% 0.125W, 1/8W		0805_RES_HD	800805FR-07100RL	
	Surface Mount Resistor Thick Film ±100ppm/°C 0805 50k Ohm ±1% 0.125W, 1/8W	R2, K3, R4, R5, R8, R9, R10, R11, R12, R13, R14, R15			
220	Surface Mount Resistor Thick Film ±100ppm/°C 0805	R6, R7	0805_RES_HD	RC0805FR-07100RL	
10k	RES 10k OHM 1/10W 5% 0603 SMD, RES 1.5k OHM 1/10W 5% 0603 SMD RES 33 OHM 1/10W	R16, R17, R21, R23	0603_RES_HD	RC0603JR-0718RL	
33	RES 33 OHM 1/10W	R18, R19	0603_RES_HD	RC0603/R-0718RL	
1.5k	5% 0603 SMD RES 1.5k OHM 1/10W	820	0603_RES_HD	RC0603JR-0718RL	
0	5% 0603 SMD RES 1.5k OHM 1/10W	822	0603 RES HD	RC0603/R-0718RL	
150	5% 0603 SMD RES 150 OHM 1/10W	924	0603_RES_HD	RC0603/R-0718RL	
47	5% 0603 SMD RES 47 OHM 1/10W 5% 0603 SMD	825	0603_RES_HD	RC0603/R-0718RL	
1.5k	0.125W, 1/8W	R26, R34	0805_RES_HD	RC0805FR-07100RL	
330k	Resistor Thick Film ±100ppm/*C 0805 330kOhm ±1% 0.125W, 1/8W Surface Mount Resistor Thick Film	R27, R31	0805_RES_HD	RC0805FR-07100RL	
1.8M	±100ppm/*C 0805 1.8M0hm ±1% 0.125W, 1/8W Surface Mount Resistor Thick Film ±100ppm/*C 0805, 100 Ohm ±1% 0.125W, 1/8W Surface Mount Resistor Thick Film ±100ppm/*C 0805	828, R29	0805_9ES_HD	RC0805FR-07100RL	
50k	SOk Ohm ±1% 0.12SW, 1/8W Surface Mount Resistor Thick Film ±100ppm/°C 080S	R30	0805_RES_HD	RC0805FR-07100RL	
200k	S0k Ohm ±1% 0.125W, 1/8W Surface Mount Resistor Thick Film ±100ppm/°C 0805	R32	0805_RES_HD	RC0805FR-07100RL	
0	1.5kOhm ±1% 0.125W, 1/8W Surface Mount Resistor Thick Film ±100ppm/°C 0805	R33	0805_RES_HD	RC0805FR-07100RL	
24	20kOhm ±1% 0.125W, 1/8W Surface Mount Resistor Thick Film ±100ppm/°C 0805	R35	0805_RES_HD	RC0805FR-07100RL	
470	4700hm ±1% 0.125W, 1/8W Surface Mount Resistor Thick Film ±100ppm/°C 0805	R36	0605_RES_HD	RC0805FR-07100RL	
1k	4700hm ±1% 0.125W, 1/8W Surface Mount Resistor Thick Film ±100ppm/°C 0805 SWITCH TACT SILVER	R37	0805_RES_HD	RC0805FR-07100RL	
KSC221J	J-LEAD SWITCH SLIDE DPDT	\$1, \$2, \$3, \$4	Series FP-JS202011SCQN-	KSC221J	
IS2020115CQN	300MA 6V 8-Bit I/O Expander	SW1	MFG	OMP-2000-05087-2	
MCP23008-E/SS	8-Bit I/O Expander with Serial Interface, 20-Pin SSOP, Extended Temperature	uı	SSOP-SS20_N	OMP-0186-00169-3	
ADI-ADXL34X-CC-14-1		LI2	ADXL	ADI-ADKL34X-DC-14-1	
	Extremely Accurate I2C-Integrated Real- Time Clock/TCKO/Crystal, 16-Pin SO, 0 to 70	LIS	W16-H2_L	OMP-0254-00244-1	
DS3231S	degC WPC 1.1 Compatible				
	Fully Integrated Wireless Power Receiver IC, 4 V Min Input, 20-pin VQFN	U4	RHL0020A_V	CMP-0393-00005-2	
BQ5 10138894LR	Receiver IC, 4 V Min Input, 20-pin VOFN (RHL), Green (RoHS & no Sb/Br) 1.8Vin, 2A Switch, 96% Efficient Boost	U4 U5	OFN65P400X400X100	IDMP-0393-00005-2	
DS1291S BOS 101388HLR TPS61090RSAR NOP117IPST33TSG	Receiver IC, 4 V Min Input, 20-pin VQFN (RHL), Green (RoHS & no Sb/Br) 1.8Vin, 2A Switch,				