

BOM STEVAL-CBP001V1

#	Qty	Reference/Footprint	Value/Generic Part Number	Description	Manufacturer
1	1	Battery	BAT-2	Berg strip for Battery	Local
2	3	C1,C2,C8	100nF	Capacitor	Local
3	2	C3,C6	10pF	Capacitor	Local
4	1	C4	10nF	Capacitor	Local
5	2	C5, C9	10uF	Capacitor	Local
6	1	C7	1pF	Capacitor	Local
7	1	CON1	DB25 -25 pin male	Connector	Local
8	1	CON2	Header –SIP4	Connector	Local
9	12	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12	Diode-0.4	Diode	Local
10	1	JP1	Header HDR1X30	Header	Not Mounted
11	1	JP2	HDR2X6	Header	Local
12	15	KS1, KS2, KS3, KS4, KS5, KS6, KS7, KS8, KS9, KS10, KS11, KS12, KS13, KS14, KS15	Push Tact Switch	Keys	Local
13	6	LED1, LDE2, LED3, LED4, Mute, STBY1	SMD	LED	Local
14	13	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13	SOT-23/BC 847B	NPN Transistor	Local
15	6	R1, R10, R2, R3, R4, R5	220R	Resistor	Local
16	1	R11	0R	Resistor	Local
17	6	R6, R9,R12, R13, R16, R17	18K	Resistor	Local
18	1	R14	33K	Resistor	Local
19	1	R15	100R	Resistor	Local
20	3	R7, R8, R19	10K	Resistor	Local
21	1	R18	4.7k	Resistor	Local
22	1	S1	SW-DIP4	DIP switch	Local
23	1	U1	7-SEG-LED	Seven Segment Display	Local
24	1	U2	74VHC14	Hex -inverter	ST
25	1	U3	STFPC311	VFD Controller	ST
26	1	U4	74V2G07	I2C Buffer	ST
27	1	U5	M41T81	RTC	ST
28	2	X1, X2	Banana Socket	Socket	FARNELL 150-040
29	1	Y1	BCY-W2/D3.1	Crystal Oscillator	Local