Stückliste: EKG3000

Pos.	Parts	Beschreibung	Wert	Package	Artikel-Nr.	Lieferant	Hersteller-Nr.	Hersteller	Anzahl	Preis/Stk. [SFr.]	Ges. Preis [SFr.]
1		EKG Sonde			909-SHIELD-EKGEMGPRO	Mouser	SHIELD-EKG-EMG-PRO	Olimex Ltd.	1	12.52	12.52
2		EKG Elektroden			100185	DocCheckShop	-	-	1	3.46	3.46
3	U6	Microcontroller	STM32F373CBT6	LQFP-48	2333275	Farnell	STM32F373CBT6	STMicroelectronics	1	4.97	4.97
4	U8	Micro-SD Steckplatz		SD-503398-003	2064062	Farnell	503398-0891	Molex	1	2.45	2.45
5	U9	DC/DC Converter	MIC4680-3.3YM	SOIC8	2510172	Farnell	MIC4680-3.3YM	Microchip	1	2.15	2.15
6	U7	ESP8266 Wifi	ESP-01	ESP01	31083	Boxtec	ESP8266 - ESP01	Espressif	1	6.95	6.95
7	U1, U4, U5	Operationsverstärker	LT1112	DIL08	9559990	Lager / Farnell	LT1112CN8#PBF	Linear Technologies	3	5.15	15.45
8	U2	Instrumentenverstärker	LT1167A	DIL08	9560130	Lager / Farnell	LT1167AIN8#PBF	Linear Technologies	1	13.37	13.37
9	U10	Linearregler	LM1117MP-3.3	SOT-223	9778195RL	Farnell	LM1117MP-3.3	Texas Instruments	1	0.88	0.88
10	U3	High-Speed Buffer	BUF634P	DIP254P762X508-8	1470343	Farnell	BUF634P	Texas Instruments	1	8.76	8.76
11	J1	Micro-USB connector		MOLEX 47346-0001	1568026	Farnell	47346-0001	Molex	1	0.93	0.93
12	X2	3.5mm Klinken Buchse	MJ2135	MJ-2135	1267377	Farnell	MJ-2135	Pro Signal	1	2.45	2.45
13	JP2	Steckverbinder	PINHD-1X6	1X06		Lager			1		0.00
14	S2, S3, S4	Taster		TASTER-9314_SMD	1555992	Farnell	FSM8JSMA	TE Connectivity	3	0.23	0.69
15	S1	Schalter	255SB	255SB		Farnell			1		0.00
16		9V-Block Batterie			2507367	Farnell	E300115900	Energizer	1	4.75	4.75
17	X1	Steckverbinder	PINHD-1X2	1X02		Lager			1		
18	LED1, LED2	LED Grün	Grün	3mm	1863180	Farnell	HLMP-Y502-F0000	Broadcomlimited	2	0.34	0.68
19	LED3, LED4	LED Rot	Rot	3mm	1863178	Farnell	HLMP-Y301-F0000	Broadcomlimited	2	0.31	0.62
20	D1	Schottky Diode	DIODE-DO214AC	DO214AC	1843682	Farnell	B260A-13-F	Diodes Inc.	1	0.49	0.49
21	X3	Oscillator	8MHz	IQG5032B	2467817	Farnell	ABM3B-8.000MHZ-10-1-U-T	ABRACON	1	0.91	0.91
22	L1	Spule	68µH	INDM1410X600N	1463537	Farnell	UP2B-680-R	Coiltronics	1	2.38	2.38
23	R19	Potentiometer	50k	3362P-1-503LF	9354387	Farnell	3362P-1-503LF	Bourns	1	1.90	1.90
24	R20, R21, R22, R23	Widerstand	div für LED	0805		Lager			4		0.00
25	R7, R8, R24, R43, R44	Widerstand	0E	0805		Lager			5		0.00
26	R25, R26	Widerstand	22E	0805		Lager			2		0.00
27	R13	Widerstand	1k	0805		Lager			1		0.00
28	R18, R40	Widerstand	1.5k	0805		Lager			2		0.00
29	R1, R2	Widerstand	3k	0805		Lager			2		0.00
30	R41	Widerstand	3.3k	0805		Lager			1		0.00
31	R42	Widerstand	6.8k	0805		Lager			1		0.00
32	R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39	Widerstand	10k	0805		Lager			12		0.00
33	R6	Widerstand	12k	0805		Lager			1		0.00
34	R3, R4	Widerstand	30k	0805		Lager			2		0.00
35	R14	Widerstand	39k	0805		Lager			1		0.00
36	R12, R16, R17	Widerstand	68k	0805		Lager			3		0.00
37	R9, R10, R15, R27	Widerstand	100k	0805		Lager			4		0.00
38	R5, R11	Widerstand	1M	0805		Lager			2		0.00
39	C19, C20	Kondensator	22p	0805		Lager			2		0.00
40	C1, C4, C5, C6, C30	Kondensator	10n	0805		Lager			5		0.00
41	C7, C8, C9, C10	Kondensator	47n	0805		Lager			4		0.00
42	C11, C12, C13, C14, C15, C16, C17, C18, C21, C22, C23, C26, C27, C28, C31	Kondensator	100n	0805		Lager			15		0.00
43	C2, C3, C29, C34, C35	Kondensator	1µ	0805		Lager			5		0.00
44	C24, C25	Kondensator	4.7µ	0805		Lager			2		0.00
45	C32	Kondensator	15µ	SMC B	1658514	Farnell	TPSB156K020R0500	AVX	1	1.32	1.32
46	C33	Kondensator	220µ	SMC E	2353080	Farnell	293D227X9016E2TE3	Vishay	1	3.15	3.15
47		Klinken Stecker	3.5mm / 4-Pol	3.5mm	2101773	Farnell	1532 02	Lumberg	1	2.24	2.24
48		Speicherkarte	4GB	MicroSD		Lager			1	0.00	0.00
49		Gehäuse		115 x 64 x 30 mm	110-43-137	Distrelec	1550BBK	Hammond	1	12.70	12.70
										Total	**106.16**