

SVF-BOM

SVF BOM									
TuBika									
Ref	Description	Package	Value	QTY	Mouser	Farnell	Reichelt	Digikey	4ucon
R24, R27, R28	Metal film resistor 1%		220	3	660-MF1/4DCT52R2200F	9341528	METALL 220	221XBK-ND	
R3, R4, R15, R16, R25, R26	Metal film resistor 1%		470	7	660-MF1/4DCT52R4700F	9341943	METALL 470	475XBK-ND	
R11	Metal film resistor 1%		2.2k	1	660-MF1/4DCT52R2201F	9341536	METALL 2,20K	2.21KXBK-ND	
R29	Metal film resistor 1%		10k	1	660-MF1/4DCT52R1002F	9341110	METALL 10,0K	10.0KXBK-ND	
R9, R13, R19	Metal film resistor 1%		15k	3	660-MF1/4DCT52R1502F	9341331	METALL 15,0K	15.0KXBK-ND	
R2, R5, R6, R7, R8, R10, R1	Metal film resistor 1%		33k	12	660-MF1/4DCT52R3302F	9341757	METALL 33,0k	33.2KXBK-ND	
R1	Metal film resistor 1%		47k	1	660-MF1/4DCT52R4702F	9341960	METALL 47,0k	47.5KXBK-ND	
R22	Metal film resistor 1%		330k	1	660-MF1/4DCT52R3303F	9341765	METALL 330k	332KXBK-ND	
R23	Trimmer	Bourns P	5k	1	81-PV36P502C01B00	9353127	64P-5,0K	490-2869-ND	
C25, C26	Ceramic	2.5mm pitch	22p	2	594-K220J15C0GF5TL2	1694229	KERKO 22P	478-4846-ND	
C3	Ceramic	2.5mm pitch	100p	1	594-K101K15C0GF53L2	1694179	KERKO 100P	399-4142-ND	
C10, C12	Polystyrene, 2.5%	Axial	220p	2	23PS122	9520031	STYROFLEX 220P		
C5, C6, C15, C16	Ceramic	2.5mm pitch	560p	4	594-K561J15C0GF5TL2	1694150	KERKO 560P	445-4780-ND	
C19	Film, 5%, WIMA MKS2 63V	5.0mm pitch	68nF or 33nF	1	871-B32529C1683K189	1215521	MKS-2 68N	BC1657-ND	
C2, C4, C7, C8, C9, C13, C1	Ceramic	2.5mm pitch	100n	12	75-1C10Z5U104M050B	1216444	X7R-2,5 100N	BC1148CT-ND	
C28	Film	5.0mm pitch	1.0u	1	80-R82DC4100CK60J	1692372	MKS-2-5 1,0µ	399-5860-ND	
C20, C21	Electrolytic NP, >35V	2.5mm pitch	4.7u	2	647-UVP1E4R7MDD	1236689			
C1, C11, C27	Electrolytic, >= 15V, height <	2.5mm pitch	100u	3	140-SEA101M1CBK0607	1902049		P833-ND	
D1, D2	Zener Diode	DO35	3.6V	2	771-BZX79-B3V6113	1097230	ZF 3,6	568-7951-1-ND	
D3	Zener Diode	DO35	4.7V	1	771-BZX79-B4V7113	1097274	ZF 4,7	568-7937-1-ND	
Q1, Q2	2N7000 MOSFET	TO92		2	512-2N7000D26Z	1467958	2N 7000	2N7000FS-ND	
LED1	T1 3mm green			1	604-WP3A8GD	1142502	LED 3MM ST GN	P607-ND	
LED2	T1 3mm orange			1	604-WP7104LYD	1581134	LED 3MM ST GE	P608-ND	
Q3	Quartz	HC49	20 MHz	1	717-9B-20.000MAAJ-B	1701141		887-1023-ND	
IC2	V2164 quad VCA	DIP16		1	Cool audio				
IC1	TL072 dual op-amp	DIP8		1	595-TL072CP	1103005	TL 072 DIP	497-2201-5-ND	
IC3	TL074 quad op-amp	DIP14		1	595-TL074CN	9755934	TL 074 DIL	497-2205-5-ND	
IC4	CD4052 dual 1-4 SPQT swit	DIP16		1	595-CD4052BEE4	9589538		296-2058-5-ND	
IC5	MCP4822 dual 12 bit DAC w	DIP8		1	579-MCP4822-E/P	1439413		MCP4822-E/P-ND	
IC6	ATMega328p MCU, 20MHz	DIP28		1	556-ATMEGA328P-PU	1715487		ATMEGA328P-PU-ND	
	DIP8 socket	DIP8		2	571-1-390261-2	1101345	GS8	A100204-ND	4771
	DIP14 socket	DIP14		1	571-1-390261-3	1101346	GS14	A100205-ND	4774
	DIP16 socket	DIP16		2	571-1-390261-4	1101347	GS16	A100206-ND	4775
	DIP28 socket	DIP28		1	571-1-390261-9	1307839	GS 28P-S	A100210-ND	4781
	Male 2x3 header, 2.54mm			1	649-67996-406HLF	1022230	SL 2X10G 2,54	3M9459-ND	989
	Female 1x6 header, 2.54mm			2					18688
	Male 1x3 header, 2.54mm			2	649-77311-118-03LF	1668490	SL 1X36G 2,54	HTSW-103-14-L-S-LL-ND	19631
Jumpers	2.54 Shunt jumper			2	517-9691020000DA	1740370	JUMPER 2,54 SW	A31697-ND	5726
	PCB	118.7x60.3		1	TubeOhm				

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