

Yellow Magic BOM

Yellow magic for Shruthi/Phoenix							
				Reichelt	Digi Key	Farnell	Mouser
R5, R8, R17, R26, R34, R57	Resistor 1%	220	6	METALL 220	221XBK-ND	9341528	660-MF1/4DCT52R2200F
R37, R42, R53, R55	Resistor 1%	470	4	METALL 470	475XBK-ND	9341943	660-MF1/4DCT52R4700F
R12, R15, R32, R54	Resistor 1%	2.2k	4	METALL 2,20K	2,21KXBK-ND	9341536	660-MF1/4DCT52R2201F
R19, R39, R40	Resistor 1%	4.7k	3	METALL 4,70K	4,75KXBK-ND	9342060	660-MF1/4DCT52R4701F
R7, R9, R11, R16, R18, R22, R23, R25, R27, R33, R35, R36, R51, R52	Resistor 1%	10k	14	METALL 10,0K	10,0KXBK-ND	9341110	660-MF1/4DCT52R1002F
R43	Resistor 1%	12k	1	METALL 12,0K	12,1KXBK-ND	9341234	660-MF1/4DCT52R1202F
R6, R46, R47, R48, R49, R50, R56	Resistor 1%	15k	7	METALL 15,0K	15,4KXBK-ND	9341331	660-MF1/4DCT52R1502F
R13, R20, R24, R29, R58	Resistor 1%	22k	5	METALL 22,0K	22,1KXBK-ND	9341544	660-MF1/4DCT52R2202F
R58 - PT from TubeOhm	Resistor 1%	39k	1	Metall 39.0K			
R10	Resistor 1%	33k	1	METALL 33,0K	33,2KXBK-ND	9341757	660-MF1/4DCT52R3302F
R31	Resistor 1%	47k	1	METALL 47,0K	47,5KXBK-ND	9341960	660-MF1/4DCT52R4702F
R38, R41, R44, R45	Resistor 1%	68k	4	METALL 68,0K	68,1KXBK-ND	9342176	660-MF1/4DCT52R6812F
R21, R28	Resistor 1%	100k	2	METALL 100k	100KXBK-ND	9341129	660-MF1/4DCT52R1003F
R30	Resistor 1%	150k	1	METALL 150k	150KXBK-ND	9341340	660-MF1/4DCT52R1503F
R4	Resistor 1%	330k	1	METALL 330k	332KXBK-ND	9341765	660-MF1/4DCT52R3303F
R14	Resistor 1%	1M	1	METALL 1,00M	1,00MXBK-ND	9341137	660-MF1/4DCT52R1004F
C12	Ceramic cap	10p	1	KERKO 10P	478-4843-ND	1694176	594-K100K15COGF53L2
C5, C8	Ceramic cap	100p	2	KERKO 100P	399-4142-ND	1694179	594-K101K15COGF53L2
C16	Ceramic cap	330p	1	KERKO 330P	478-5212-ND	1216419	594-K331J15COGF53L2
C28, C30, C38, C39, C48, C49	Ceramic cap	560p	6	KERKO 560P	490-3850-ND	1694300	594-K561J15COGF53L2
C10, C21	Film cap	1n	2	MKS-02 1,0N	BC1659-ND	1685470	80-MMK5102K63J01TR18
C31, C32	Film cap	5.6n or 6.8n	2	MKS-02 6,8N	445-8391-ND	1185647	810-FK18COG1H562J
C34, C44		33n	2	MKS-2-5 33N	BC1650-ND	9752986	871-B32529C333J189
C6, C7, C9, C11, C13, C17, C18, C19, C22, C33, C36, C40, C41, C42, C43, C45	Ceramic cap	100n	20	X7R-2,5 100N	BC1148CT-ND	1694337	75-1C10Z5U104M050B
C20, C23, C29, C35	Ceramic cap	220n	4	Z5U-2,5 220N	445-8411-ND	1141778	810-FK18Y5V1H224Z
C2	tantalum cap, > 15V	10u	1	TANTAL 10/16	478-1839-ND	1753975	581-TAP106K016SRW
C3, C14, C15, C53, C54	Electrolytic cap	100u	5	RAD 100/16	P13476-ND	1600568	667-EEU-FR1E101
C24, C46	Electrolytic cap	> 220u	2	RAD 220/35	P10297-ND	9451099	667-ECA-1HM221
D1	Diode 1N400x		1	1N 4004	641-1311-1-ND	1651084	625-1N4001-E3/73
D2, D3, D4, D5, D6, D7	Diode 1N4148		6	1N 4148	1N4148TACT-ND	1612346	78-1N4148-TAP
D8, D9	Diode Zener 2.4V		2	ZF 2,4	1N5221BDO35MSCT-ND	1467581	78-1N5221B
Q1, Q2, Q3, Q4	PNP transistor	2N3906	4	2N 3906	2N3906FS-ND	1704728	512-2N3906TA
Q5	NPN transistor	2N3904	1	2N 3904	2N3904FS-ND	9846743	512-2N3904TA
	IC Socket DIP 8		4	GS8	A100204-ND	1654374	571-1-390261-2
	IC Socket DIP 14		1	GS14	A100205-ND	1183573	571-1-390261-3
	IC Socket DIP 16		4	GS16	A100206-ND	1183574	571-1-390261-4
R3	Trimmer	20k	1	64W-20K	T93XA-20K-ND	1141378	81-PV36X203C01B00
C1, C4, C25, C26, C27, C37	Electrolytic cap, NP/audio	4.7u	6		P1175-ND	1236689	647-UVP1E4R7MDD
IC1	LT1054 DC/DC converter		1	LT 1054 CN8	296-9591-5-ND	1652378	
IC11	LM7805 +5V Vreg		1	µA 7805	LM7805CT-ND	9666095	863-MC7805ACTG
IC6	LM7905 -5V Vreg		1	µA 7905	LM7905CTFS-ND	9666141	863-MC7905ACTG
IC2, IC9	TL072 dual op-amp		2	TL 072 DIP	497-2201-5-ND	1103005	595-TL072CP
IC4	TL074 quad op-amp		1	TL 074 DIL	497-2205-5-ND	9755934	595-TL074CN
IC3, IC5	LM13700 dual OTA		2	LM 13700 DIL	LM13700N-ND	1651866	926-LM13700N/NOPB
IC8	V2164 quad VCA		1	Available at Mammoth Electronics, Small Bear			
IC10	PT2399 digital delay		1	Available at Tayda Electronics, Das Musikding, Banzai, Small bear			
IC7	MCP4822 dual 12bits DAC		1		MCP4822-E/P-ND	1439413	579-MCP4822-E/P
J2, J3	Neutrik Audio Jack 6.35		2			4169244	550-10201
J1	DC Jack		1	HEBW 21	CP-202A-ND	1737246	163-7620-E
J4	8 pins female header		2	Sparkfun PRT-10007 or Coolcomponents 000348+000349			
J6	6 pins female header		2				
PCB	PCB		1	TubeOhm Instruments LP2+Delay v0.2			