

SCHEMATHEEK
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TU-4A SPECIFICATIONS

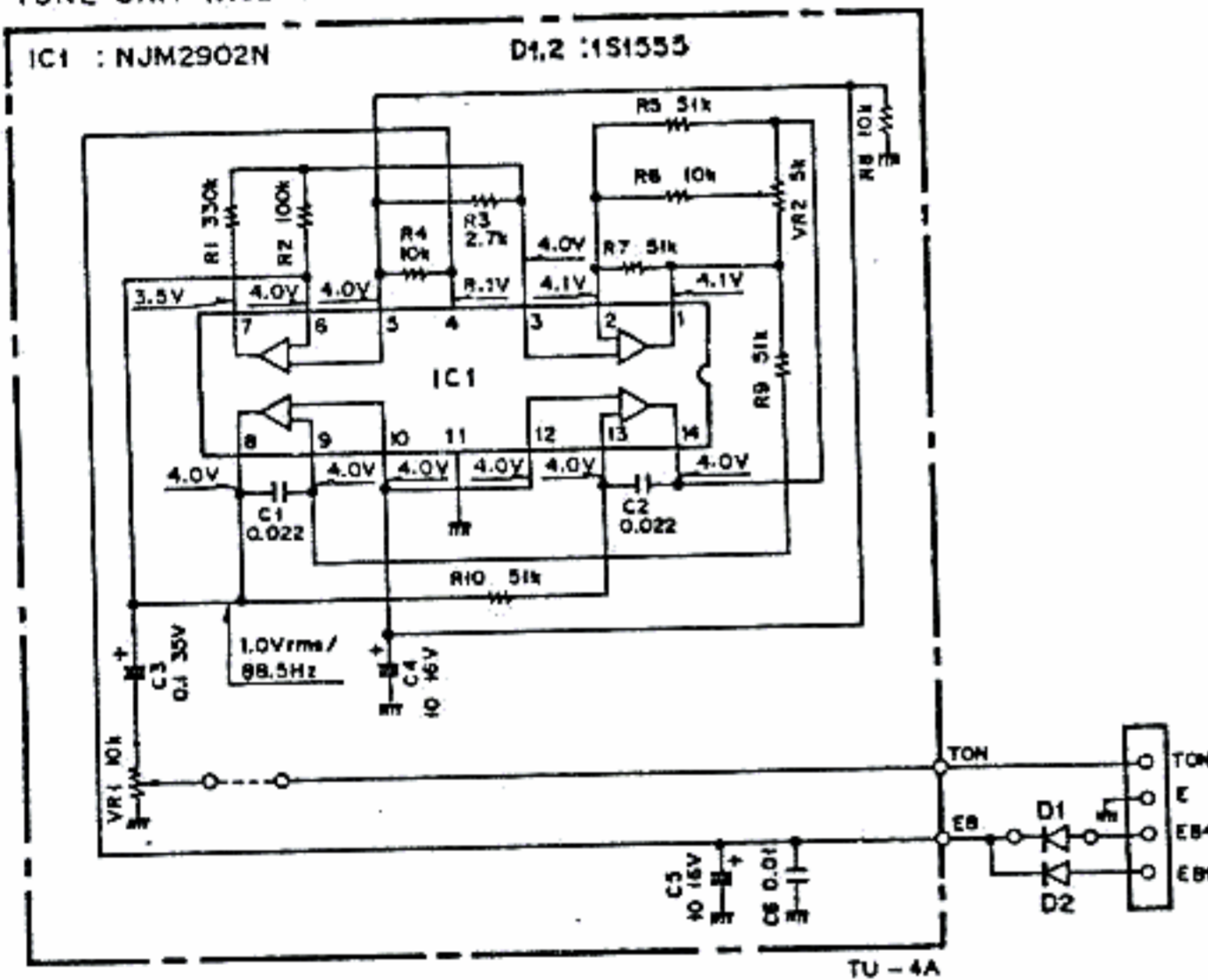
Oscillator frequency 88.5Hz (± 0.2 Hz) at normal temperature
Frequency adjustment range 60–260Hz

TU-4B SPECIFICATIONS

Oscillator frequency 1MHz
Usable frequency range 37 EIA Specification Group Frequencies

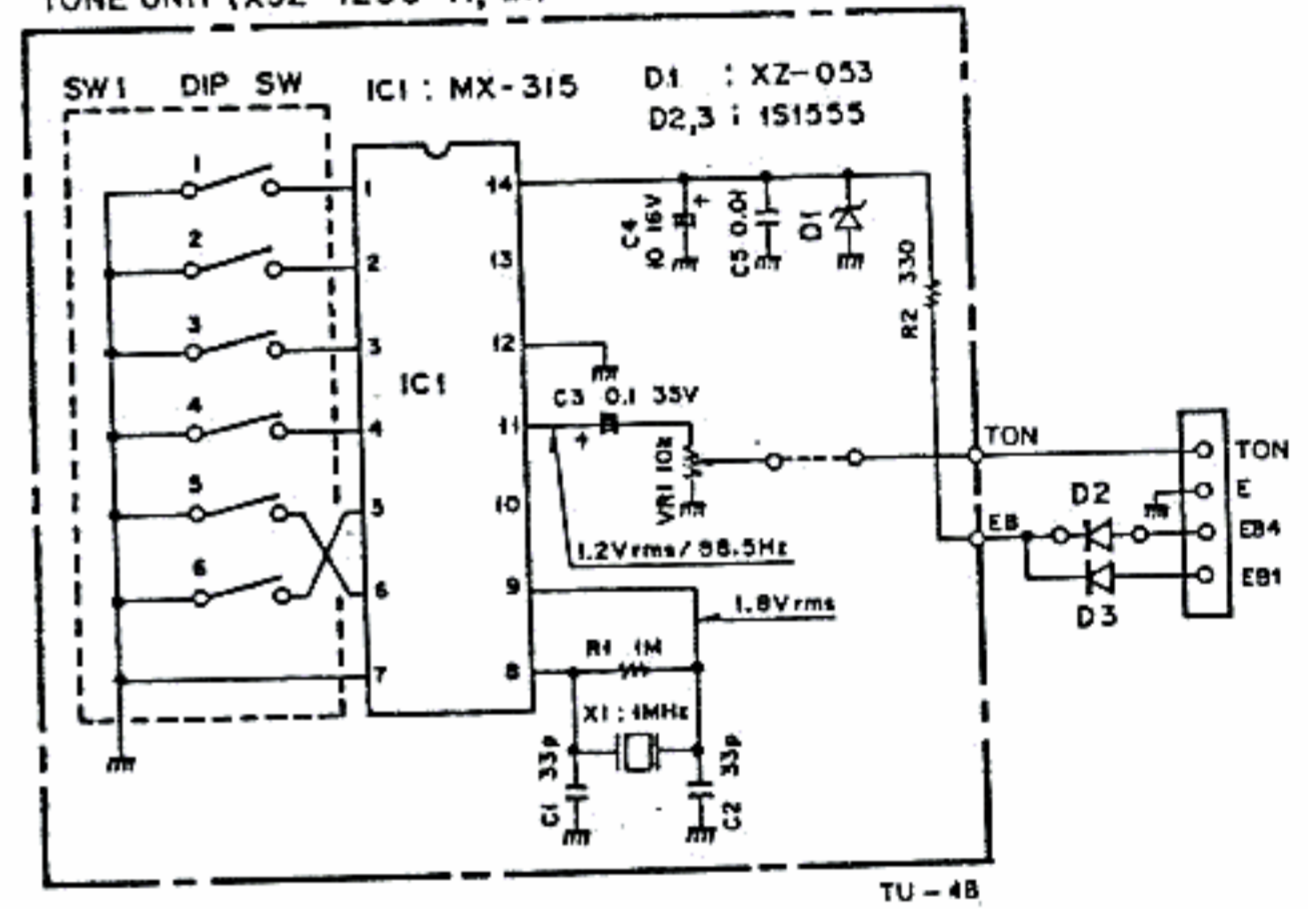
TU-4A SCHEMATIC DIAGRAM

TONE UNIT (X52-1220-21)



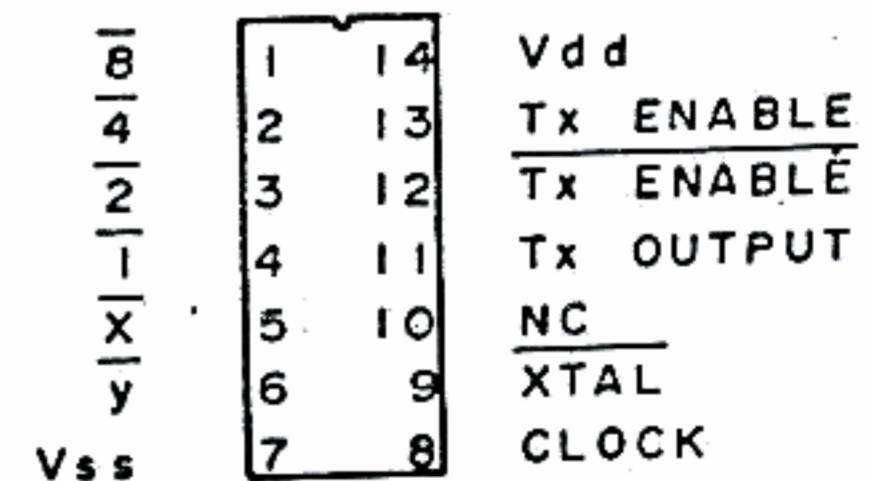
TU-4B SCHEMATIC DIAGRAM

TONE UNIT (X52-1230-11,-21)



TU-4A/4B/4C TONE FREQUENCY

#	EIA Specification Group	Hz	Program Lines (ON...1, OFF...0)	#	EIA Specification Group	Hz	Program Lines (ON...1, OFF...0)
			1 2 3 4 5 6				1 2 3 4 5 6
1	A	67.0	1 1 1 1 1 1	21	A	141.3	1 0 0 0 0 0
2	B	71.9	1 1 1 1 0 1	22	B	146.2	0 1 1 1 0 1
3	C	74.4	1 1 1 0 1 1	23	A	151.4	0 1 1 1 0 0
4	A	77.0	1 1 1 1 0 0	24	B	156.7	0 1 1 0 0 1
5	C	79.7	1 1 0 1 1 1	25	A	162.2	0 1 1 0 0 0
6	B	82.5	1 1 1 0 0 1	26	B'	167.9	0 1 0 1 0 1
7	C	85.4	1 1 0 0 1 1	27	A	173.8	0 1 0 1 0 0
8	A	88.5	1 1 1 0 0 0	28	B	179.9	0 1 0 0 0 1
9	C	91.5	1 0 1 1 1 1	29	A	186.2	0 1 0 0 0 0
10	B	94.8	1 1 0 1 0 1	30	B	192.8	0 0 1 1 0 1
11	A	100.0	1 1 0 1 0 0	31	A	203.5	0 0 1 1 0 0
12	B	103.5	1 1 0 0 0 1	32	B	210.7	0 0 1 0 0 1
13	A	107.2	1 1 0 0 0 0	33	A	218.1	0 0 1 0 0 0
14	B	110.9	1 0 1 1 0 1	34	B	225.7	0 0 0 1 0 1
15	A	114.8	1 0 1 1 0 0	35	A	233.6	0 0 0 1 0 0
16	B	118.8	1 0 1 0 0 1	36	B	241.8	0 0 0 0 0 1
17	A	123.0	1 0 1 0 0 0	37	A	250.3	0 0 0 0 0 0
18	B'	127.3	1 0 0 1 0 1				
19	A	131.8	1 0 0 1 0 0				
20	B	136.5	1 0 0 0 0 1				



MX315 (TU-4B,C)