

RC OSCILLATORS SERVICING INSTRUCTIONS

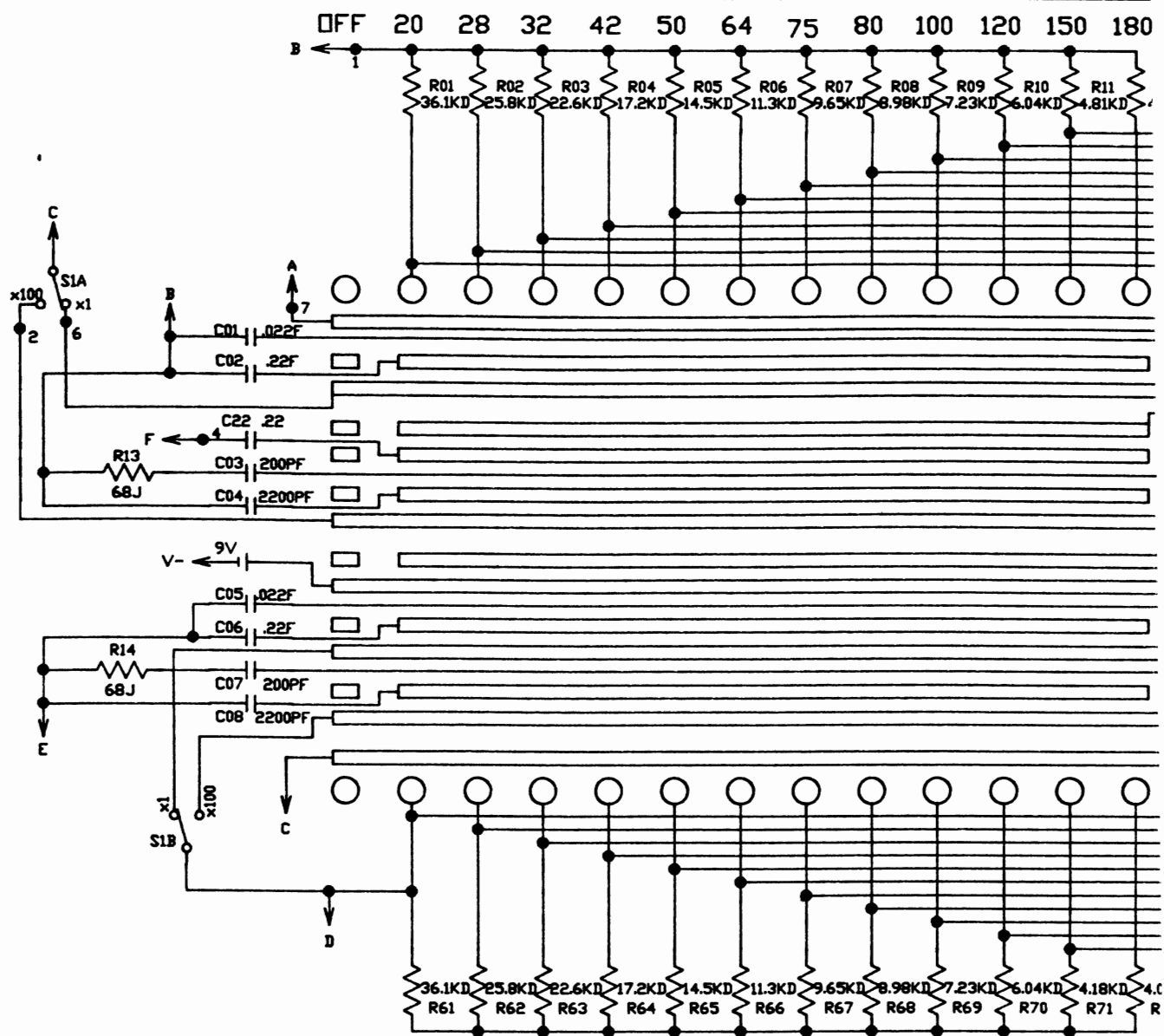
ADJUSTING INSTRUMENT

- (1) One Frequency Counter
- (2) One Oscilloscope

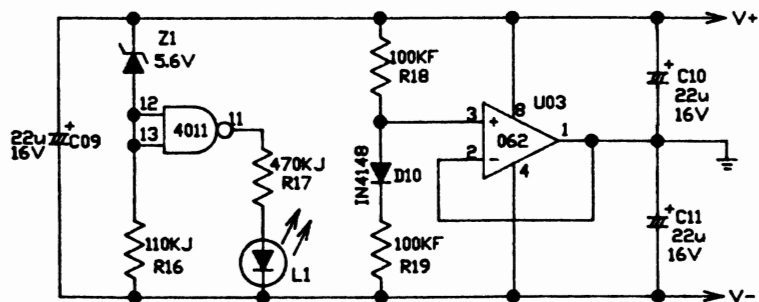
ADJUSTING PROCEDURE

Use the following procedures to adjust the RC OSCILLATORS:

1. Using test lead,connect RC OSCILLATORS output jack to Frequency Counter.
2. Set the rotary switch at 640 range,set Frequency Range switch at X1 position,set WAVEFORM switch at SINEWAVE position,set ATTEN switch at 0 position,rotate AMPLITUDE NOB clockwise to the end. Adjust R38 (5k VR) to let Frequency Counter display 639.0 - 640.0Hz.
3. Using test lead,connect RC OSCILLATORS output jack to Oscilloscope.
4. Set the rotary switch at 800 range,set FREQ RANGE at X1 position,set WAVEFORM switch at square wave position,set ATTEN switch at 0 position.
5. Select Oscilloscope control switch to let the screen of Oscilloscope display one duty.
6. Adjust R42 (100k VR) to let the duty cycle be 50%.



S1 - FREQ RANG (x1 , x100).
 S2 - FUNCTION (SINE , SQU) WAVE.
 S3 - ATTEN (0dB , -20dB)



NOTES :

UNLES OTHERWISE SPECIFIED

1. ALL RESISTANCE VALUES IN OHMS.

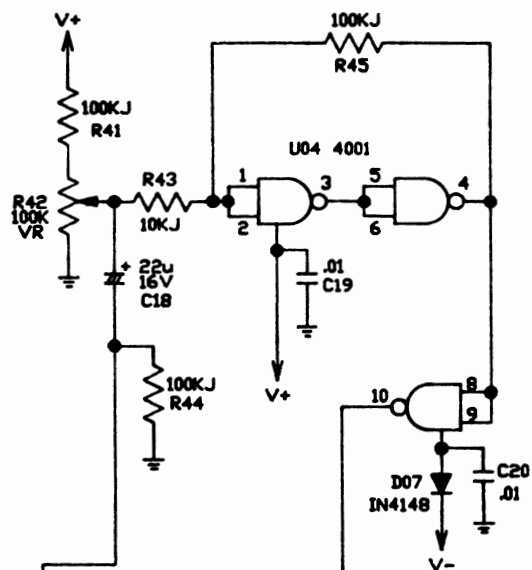
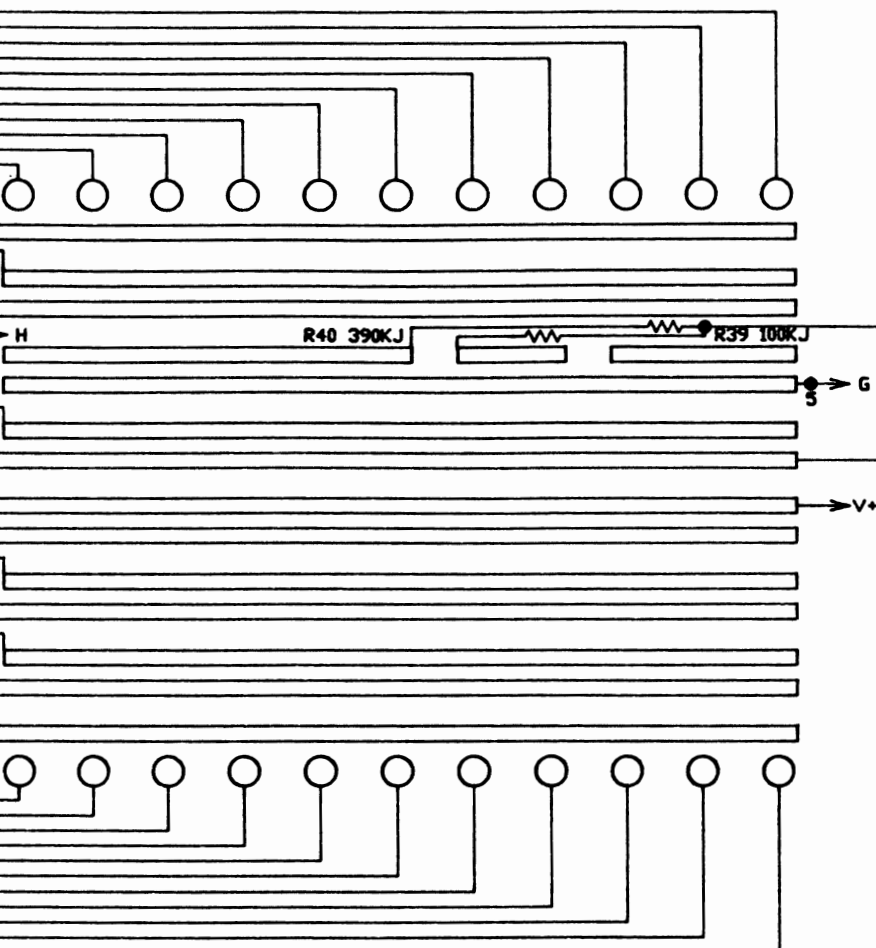
2. ALL CAPACITANCE VALUES IN MICROFARADS.

C. I. E.

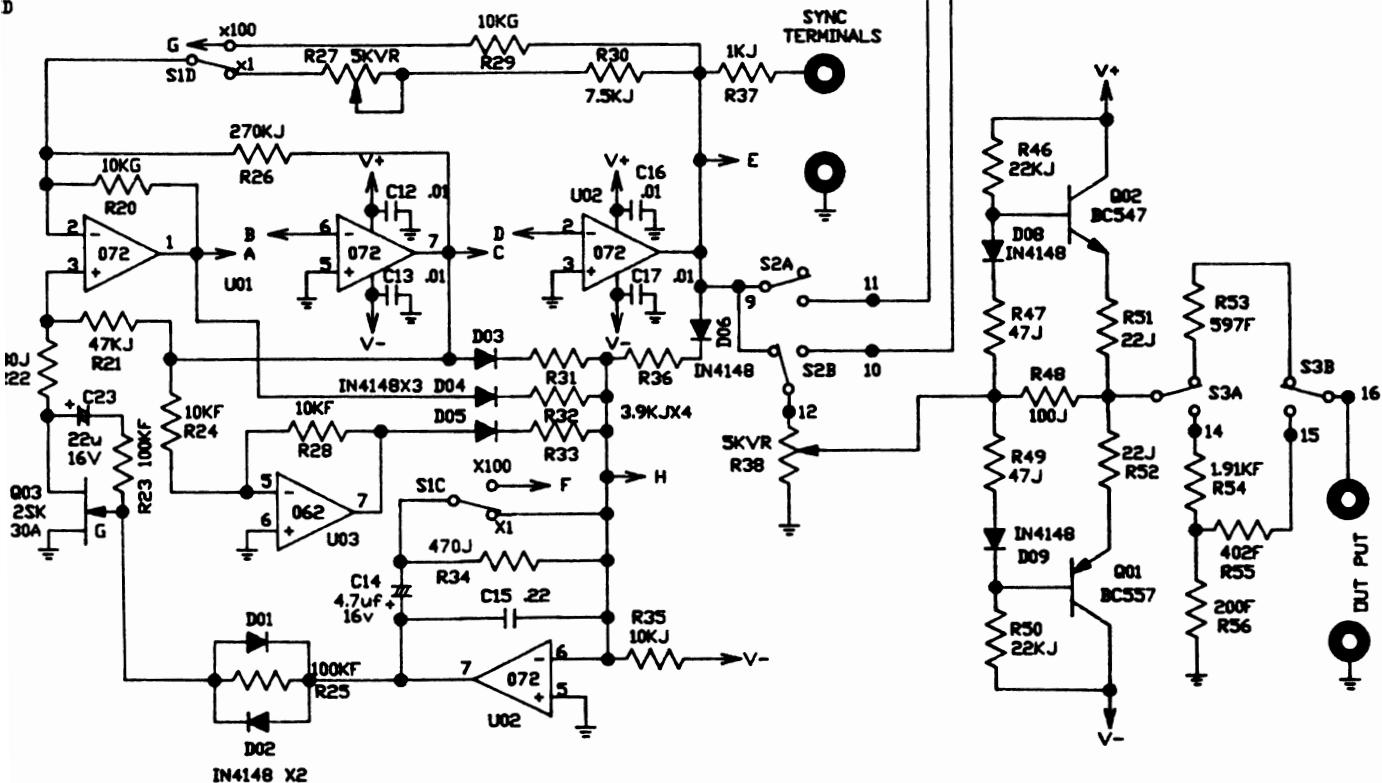
MODEL
555

00 280 320 420 500 640 750 800 1K 1.2K 1.5K

D



D



IN4148 X2

NAME	DWG	SHEET	OF	REV	DSGN	DWN	CKD	APPVD	APPVD
	555	DATE	79, 4, 20			陳君堂			張
		CHX	2			79.4.20			