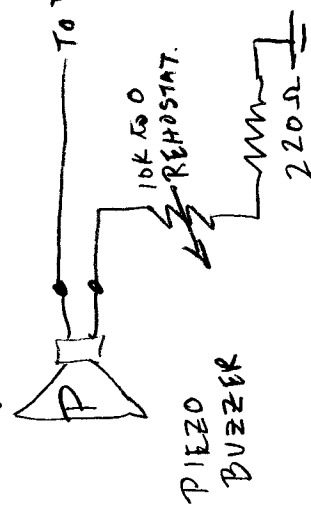


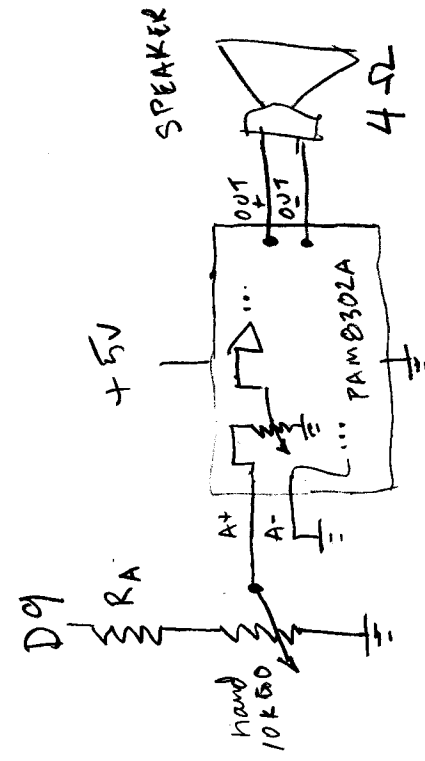
SINGLE-BUZZER

from CFS-1-5-2020-B1



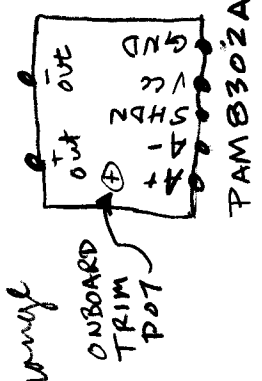
PIEZO BUZZER

Circuit A

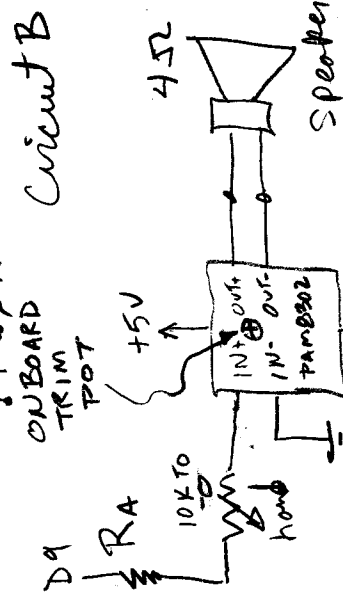


$R_A = 2000 \Omega$

works great -
use Trim POT to get max vol
use hand POT to control
from 0 to max vol over
full range



Circuit B



worked loudly, $R_A = 2K$.
had to turn up TRIM POT.
0 to 10K POT had small
effect.

$R_A = 10K$, TRIM POT = 0K
TOO LOUD, hand POT = 10K
TRIM POT higher, small effect.
hand POT has small effect.
ON BOARD TRIM POT APPEARS
TO BE 9K OHMS, and is
in a DIVIDER POT CONF
Tapped on
wiper



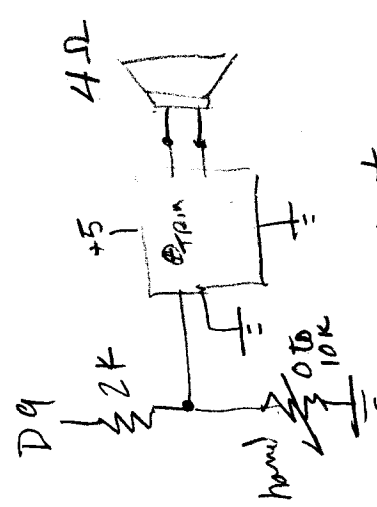
used a regulated +5V supply
to test all circuits
also used unregulated supply
on Circuit A - worked OK

$$I = E/R = 5/220 = 23 \text{ ma}$$

$$= 5/2000 = 2.5 \text{ ma}$$

$$= 5/10000 = 0.5 \text{ ma}$$

Circuit C



worked but
control was poor
almost full vol at
about half of hand
pot range -
used trim pot
for max vol.

ALTERNATE POT
CIRCUITS
C.S.PINDLER 1-24-2020

DWG NO.

CFS-1-24-2020-B