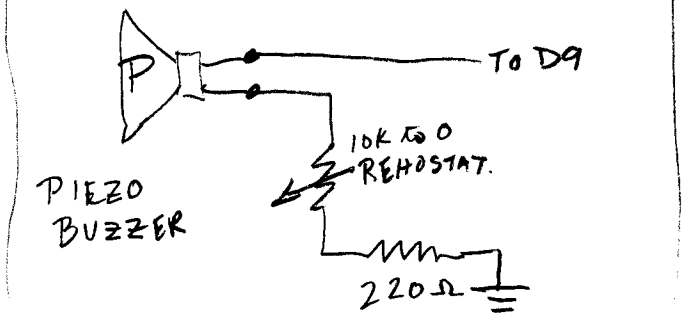
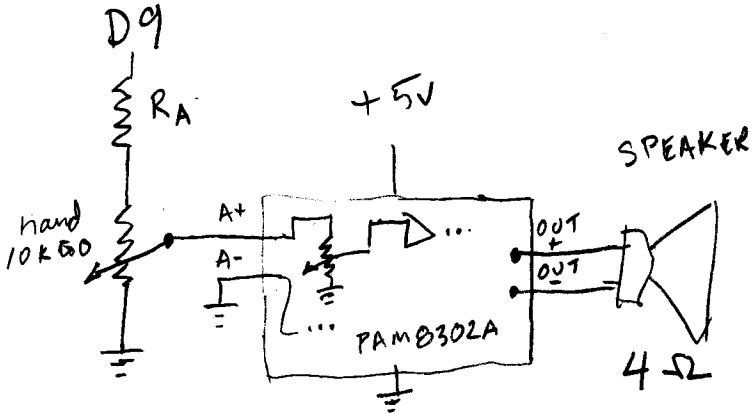
SINGLE-BUZZER from CFS-1-5-2020-B1

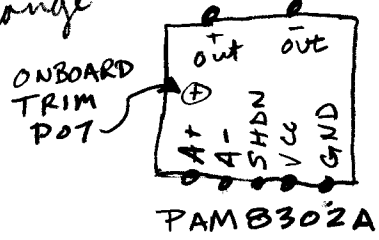


Circuit A

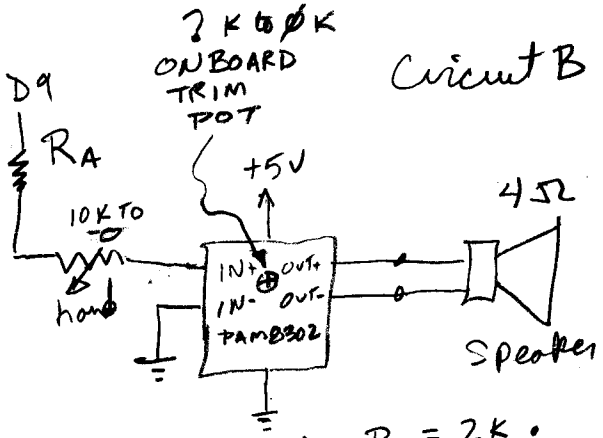


R_A = 2000Ω

work great -
use Trim POT to set max vol
use hand Pot to control from 0 to max vol over full range



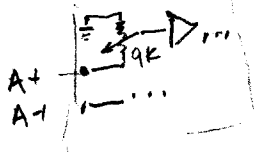
Circuit B



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,
hand POT has small effect.

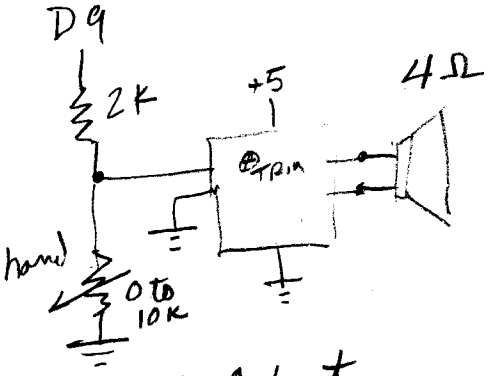
ON BOARD TRIM POT APPEARS TO BE 9K OHMS, and is in a DIVIDER POT CONF Tapped on wiper



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

$I = E/R = 5/220 = 23ma$
$= 5/2000 = 2.5ma$
$= 5/10000 = 0.5ma$

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. SPINDLER 1-24-2020

DWG NO.

CFS-1-24-2020-B