TO SIZE FUSE

1 CALCULATE APROX PRIMARY CURRENT FOR EACH XFMR
PRI CURRENT= SECONDARY CURRENT(SECONDARY VOLTAGE/PRIMARY VOLTAGE)

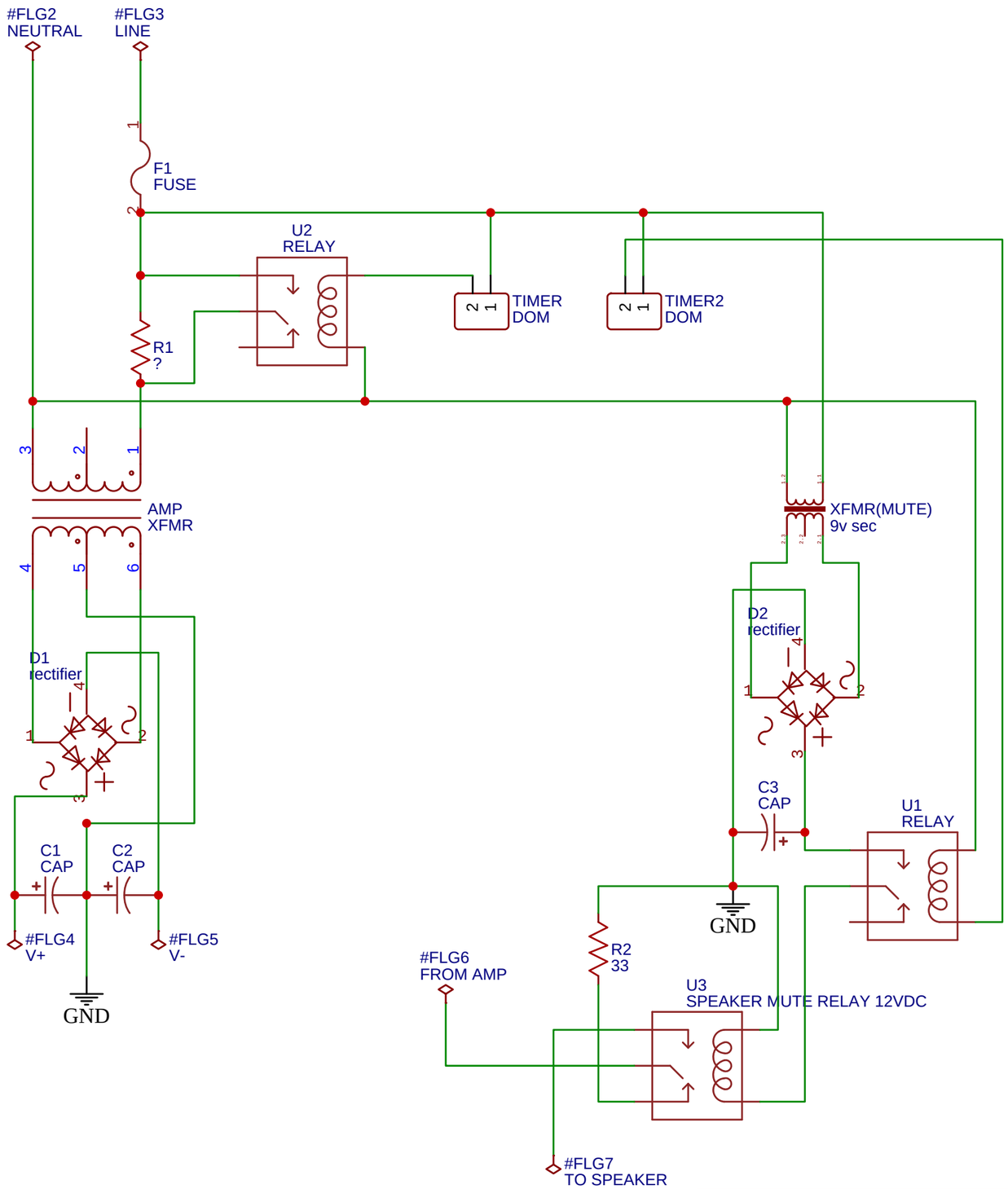
2 CALCULATE FUSE SIZE
TOTAL PRIMARY CURRENT x2

R1 WIREWOUND SINGE RESISTOR OR PARALLELED
RESISTANCE=(LINE VOLTAGE/FUSE SIZE)1.25
ROUND CALCULATED VALUE UP TO NEAREST AVAILABLE VALUE.
POWER RATING=10W PER 100VA

TIMER RELAYS ARE PACKARD PDT102 THESE ARE EASY TO USE, RELIABLE,
AND WILL OPEN VERY QUICKLY IF POWER IS INTERUPTED.
SET TIME DELAY TO LOWEST VALUE FOR SOFT START.
ADJUST TIME DELAY FOR MUTE CIRCUIT TO LOWEST SETTING THAT ELIMINATES TURN ON POP.

R2 SHORTS TURN ON POP TO GROUND. 33OHM, POWER RATING IS 1/10 OF AMP POWER RATING

RESISTOR POWER RATINGS COULD BE LOWERED BUT FOR LITTLE COST SAVINGS,
POTENTIALLY AT THE EXPENSE OF RELIABILITY.



TITLE: Sheet_1		REV: 1.0
EasyEDA	Company: Your Company	Sheet: 1/1
	Date: 2020-08-10 Drawn By: ask your mama	