

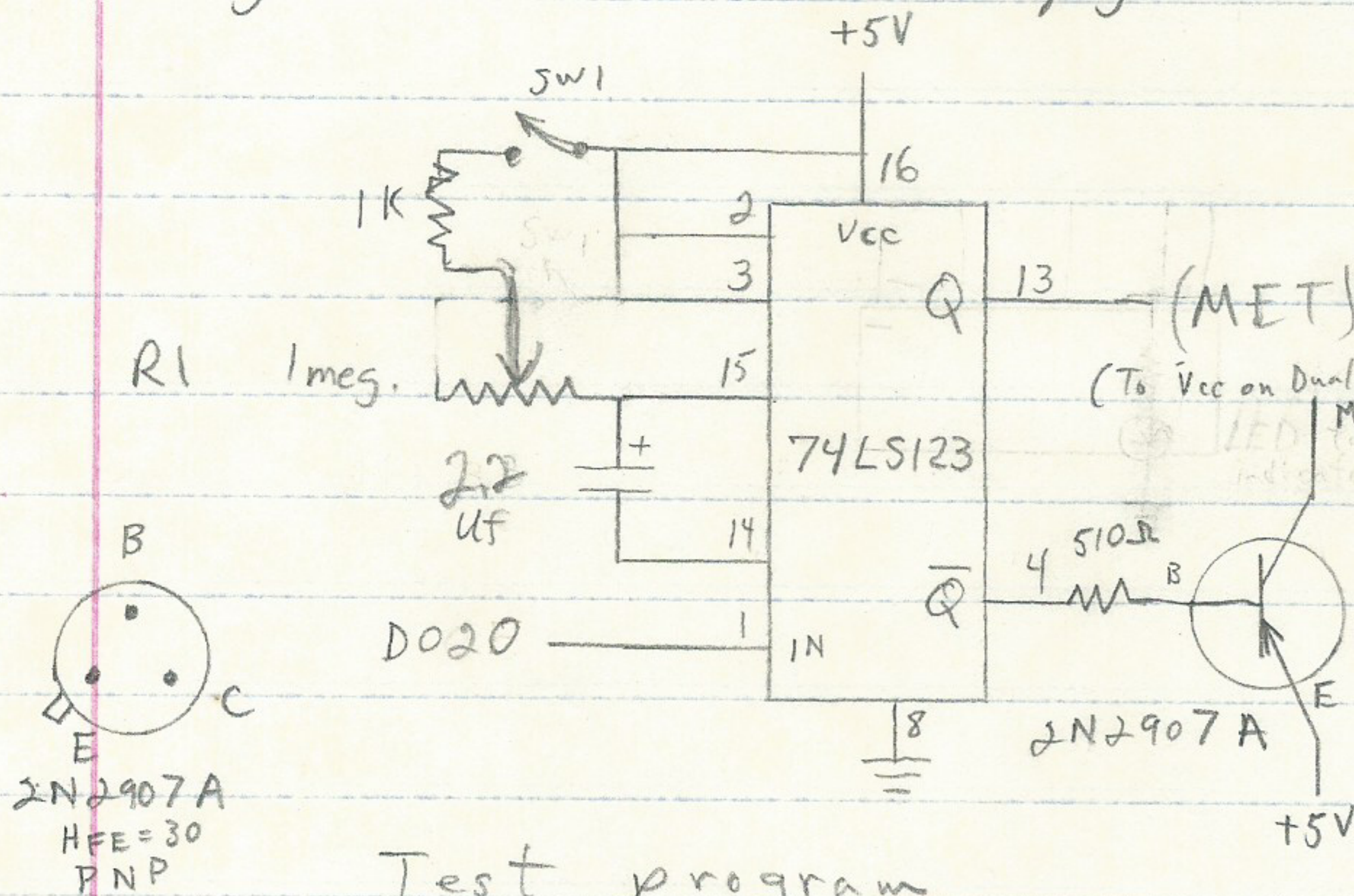
# Motor Enable Timer (MET)

## Motor Safety Circuit

1-7-84

This circuit will shut off any motor if the micro-processor stops functioning. It is a missing pulse detector. It gets a low pulse from the address decoder.

Engineer's Notebook II pg 52



1- Q stays high as long as pulses come in.

2- Increasing  $R_1$  lengthens the delay. (CW Longer)

3- SW, - Opening SW, enables the motor safety control.

4. +5V is connected to constant power supply.

Test program

F5	0001	B7	STAA
6	0002	D0	
7	0003	20	
8	0004	CE	LDX
9	0005	FF	Delay needed depends
A	0006	FF	on setting of $R_1$
B	0007	09	DEX
C	0008	26	BNE
D	0009	FD	
E	000A	20	BRA
FF	000B	F5	

delay