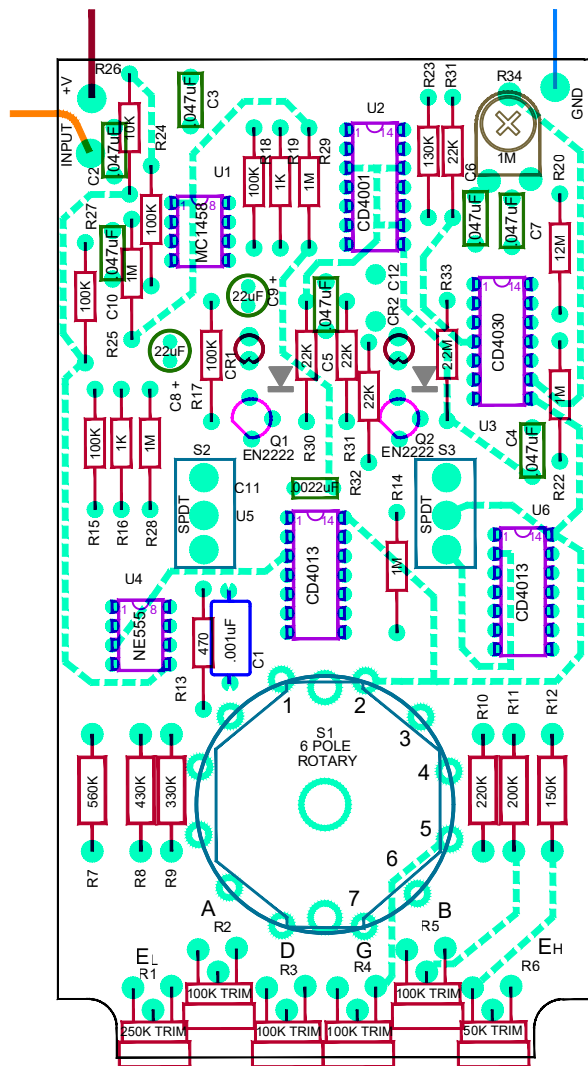
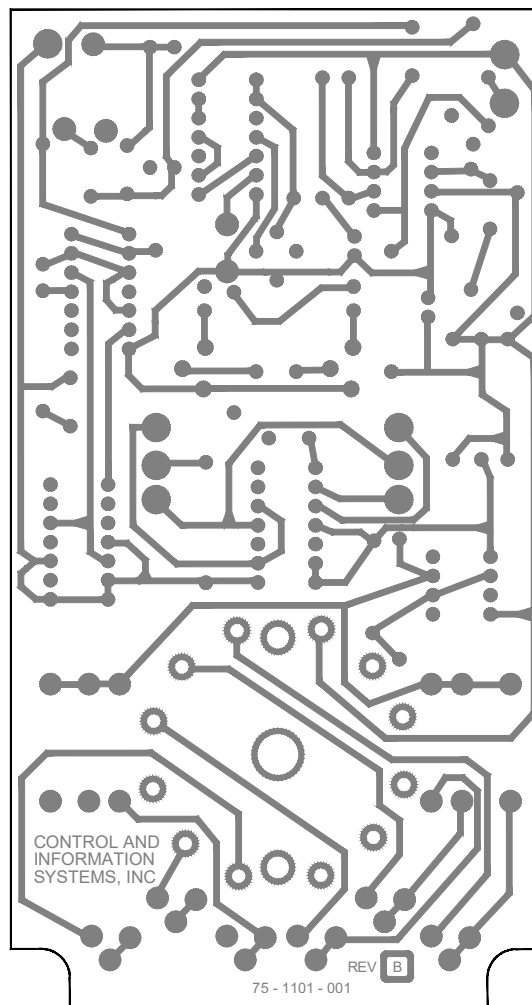




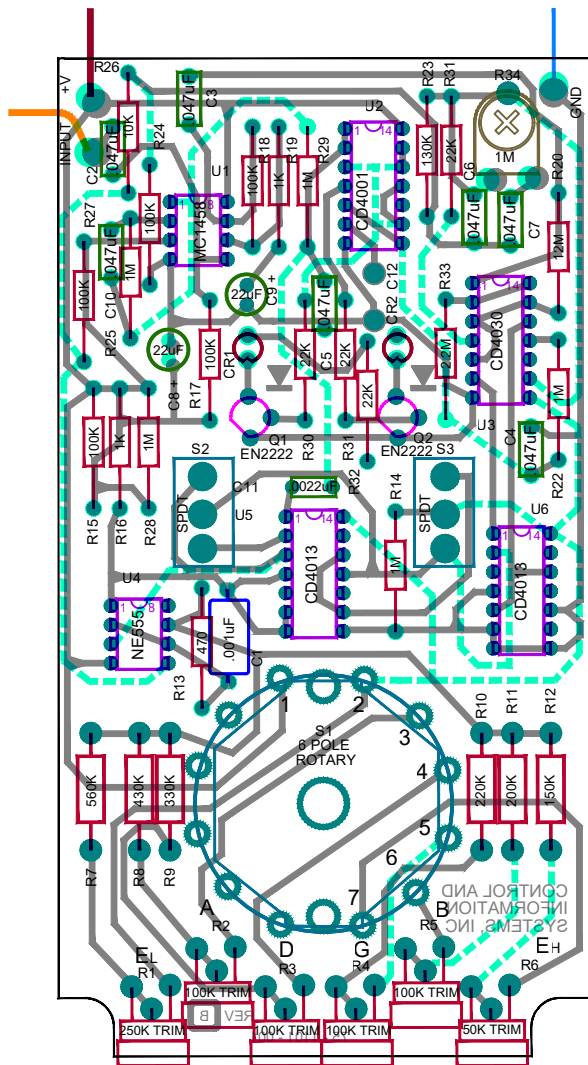
TOP SIDE



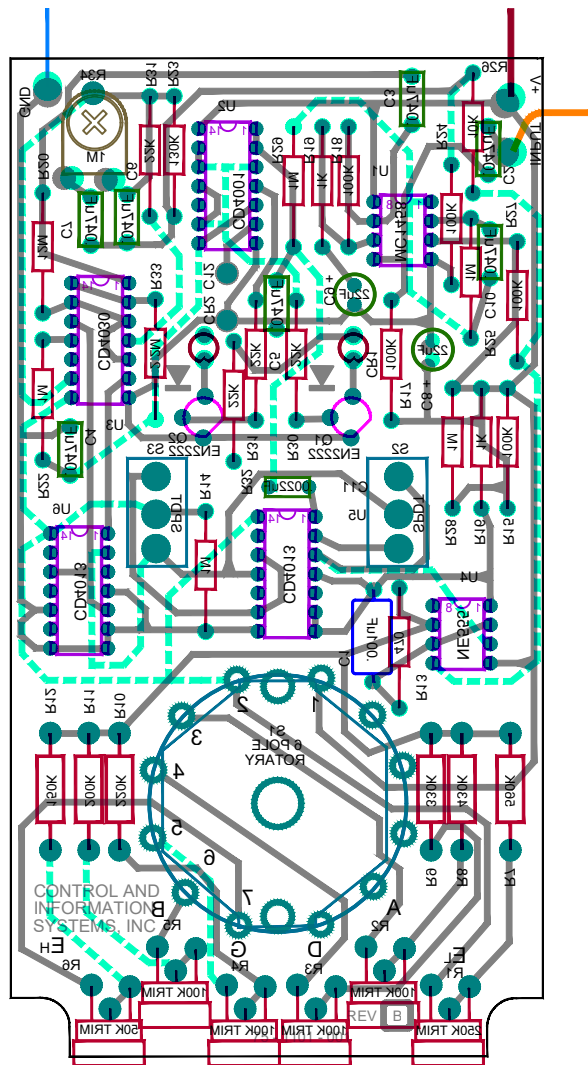
BOTTOM SIDE

PITCHMASTER SA-60 GUITAR TUNER

Drawn & Verified by Paul Marossy 1/25/2023

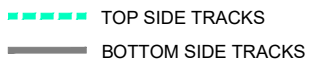


TOP SIDE



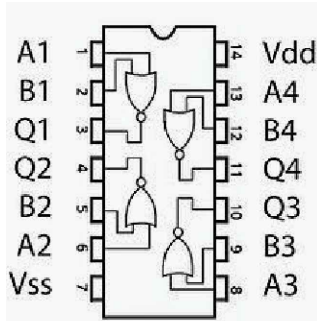
BOTTOM SIDE

TOP AND BOTTOM COMBINED

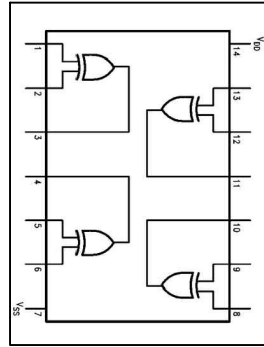


PITCHMASTER SA-60 GUITAR TUNER

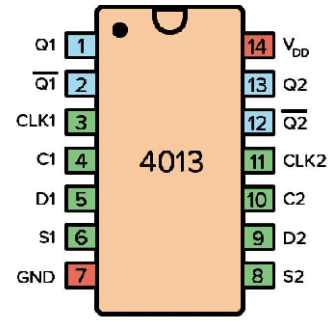
Drawn & Verified by Paul Marossy 1/25/2023



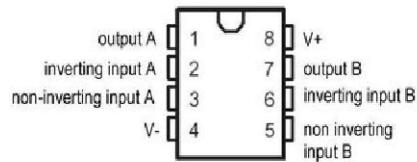
U2 CD4001
QUAD 2-INPUT
NOR GATE



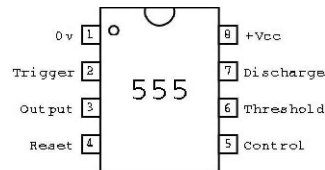
U3 CD4030
QUAD XOR GATE



U5 & U6 CD4013
DUAL D FLIP-FLOP

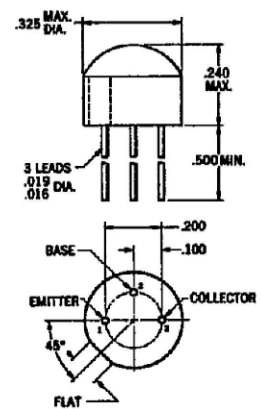


U1 MC1458
DUAL OPAMP



U4 NE555

TO-105



Q1 & Q2 EN2222
TO-105 PACKAGE

PARTS LIST

R1 (EL) 250K TRIM	R18 100K	C1 .001uF POLYSTYRENE	U1 MC1458
R2 (A) 250K TRIM	R19 1K	C2 .047uF	U2 CD4001
R3 (D) 100K TRIM	R20 12M(?)	C3 .047uF	U3 CD4030
R4 (G) 100K TRIM	R21 150K	C4 .047yF	U4 NE555
R5 (B) 100K TRIM	R22 1M	C5 .047uF	U5 CD4013
R6 (EH) 50K TRIM	R23 130K	C6 .047uF	U6 CD4013
R7 560K	R24 100K	C7 .047uF	Q1 EN2222
R8 430K	R25 1M	C8 22uF	Q2 EN2222
R9 330K	R26 10K	C9 22uF	
R10 220 K	R27 100K	C10 .047uF	
R11 200K	R28 1M	C11 .0022uF	
R12 150K	R29 1M		
R13 470	R30 22K	CR1 RED LED	
R14 1M	R31 22K	CR2 RED LED	
R15 100K	R32 22K		
R16 100K	R33 2.2M		
R17 100K	R34 1M TRIM		

