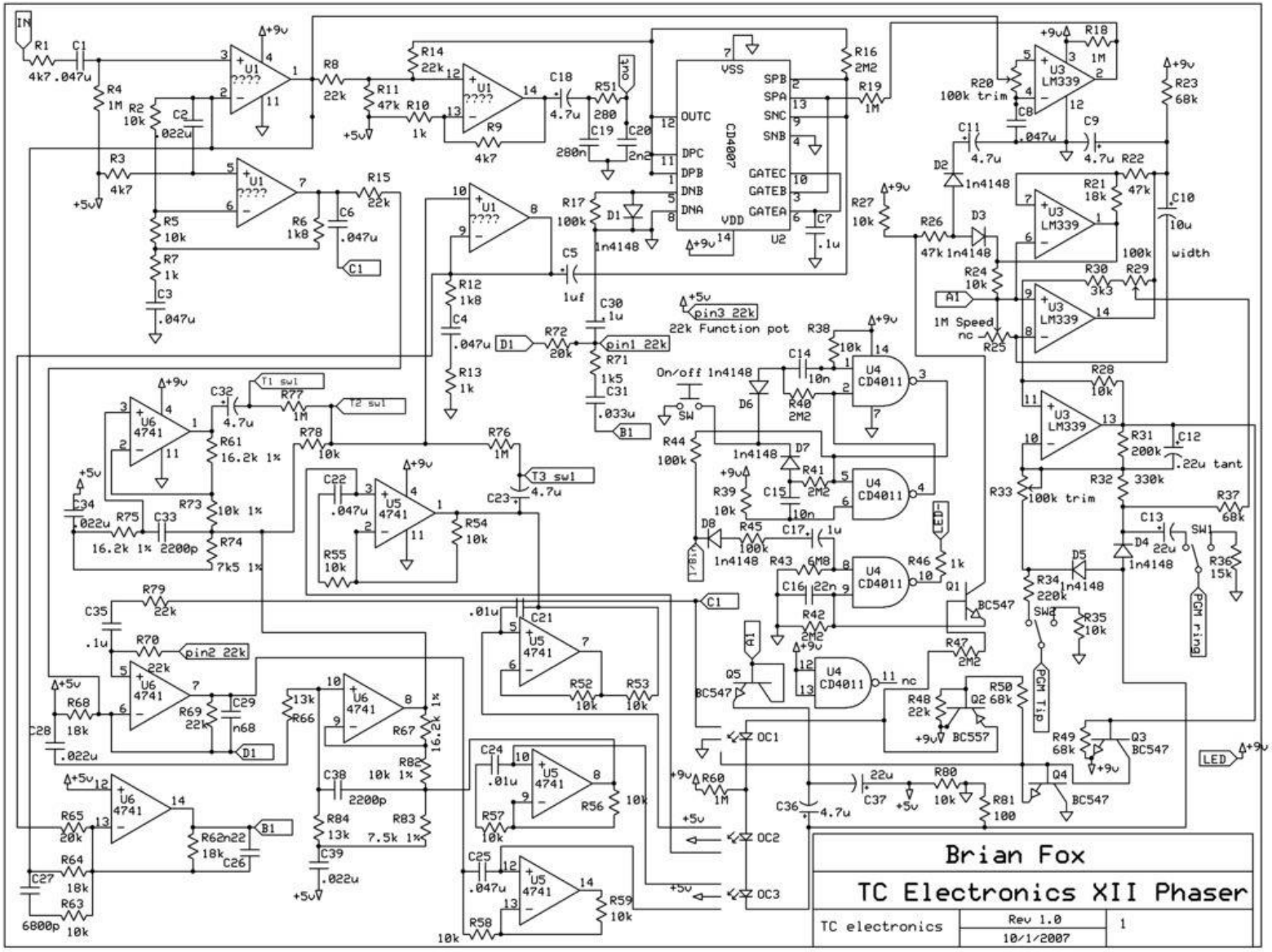

Brian Fox
TC Electronics XII Phaser
TC electronics
Rev 1.0
10/1/2007
1
IN
+9v
+5v
U1 ????
U2 CD4007
U3 LM339
U4 CD4011
U5 4741
U6 4741
R1 4k7
C1 .047u
R2 10k
C2 .022u
R3 4k7
R4 1M
R5 10k
R6 1k8
R7 1k
C3 .047u
C4 .047u
R12 1k8
R13 1k
C5 1uf
C6 .047u
R8 22k
R9 4k7
R10 1k
R11 47k
R14 22k
C18 4.7u
R51 280
C19 280n
C20 2n2
R15 22k
R16 2M2
R17 100k
D1 1n4148
R19 1M
C7 .1u
R18 1M
R20 100k trim
C8 .047u
C9 4.7u
R22 47k
R23 68k
C10 10u width
C11 4.7u
D2 1n4148
R21 18k
R24 10k
R25 1M Speed nc
R26 47k
D3 1n4148
R27 10k
R28 10k
R29 3k3
R30
R31 200k
C12 .22u tant
R32 330k
R33 100k trim
R34 220k
D4 1n4148
D5 1n4148
C13 22u
SW1
R36 15k
R37 68k
PGM ring
PGM Tip
SW2
R35 10k
LED
R49 68k
Q3 BC547
Q4 BC547
R80 10k
R81 100
C36 4.7u
C37 22u
R60 1M
OC1
OC2
OC3
Q1 BC547
Q2 BC557
Q5 BC547
R50 68k
R48 22k
R47 2M2
R46 1k
R45 100k
R43 6M8
C16 22n
R42 2M2
C17 1u
R44 100k
R41 2M2
C15 10n
R40 2M2
C14 10n
R38 10k
D6 1n4148
D7 1n4148
D8 1n4148
SW On/off
R39 10k
R72 20k
R71 1k5
C31 .033u
C30 1u
R76 1M
R77 1M
R78 10k
R61 16.2k 1%
R73 10k 1%
R74 7k5 1%
R75 16.2k 1%
C33 2200p
C34 .022u
C32 4.7u
C23 4.7u
C22 .047u
R54 10k
R55 10k
R79 22k
C35 .1u
R70 22k
R69 22k
C29 n68
R68 18k
C28 .022u
C21 .01u
R52 10k
R53 10k
R66 13k
R67 16.2k 1%
R82 10k 1%
C38 2200p
R84 13k
R83 7.5k 1%
C39 .022u
C24 .01u
R56 10k
R57 10k
C25 .047u
R59 10k
R58 10k
R65 20k
R64 18k
R63 10k
C27 6800p
R62 22k
C26 18k
B1
C1
D1
A1
T1 sw1
T2 sw1
T3 sw1
pin1 22k
pin2 22k
pin3 22k
22k Function pot
LED-