



≡≡≡ DELAY



≡≡≡ ASTRONAUT=X

SPACE

EARTH



MIX



TIME

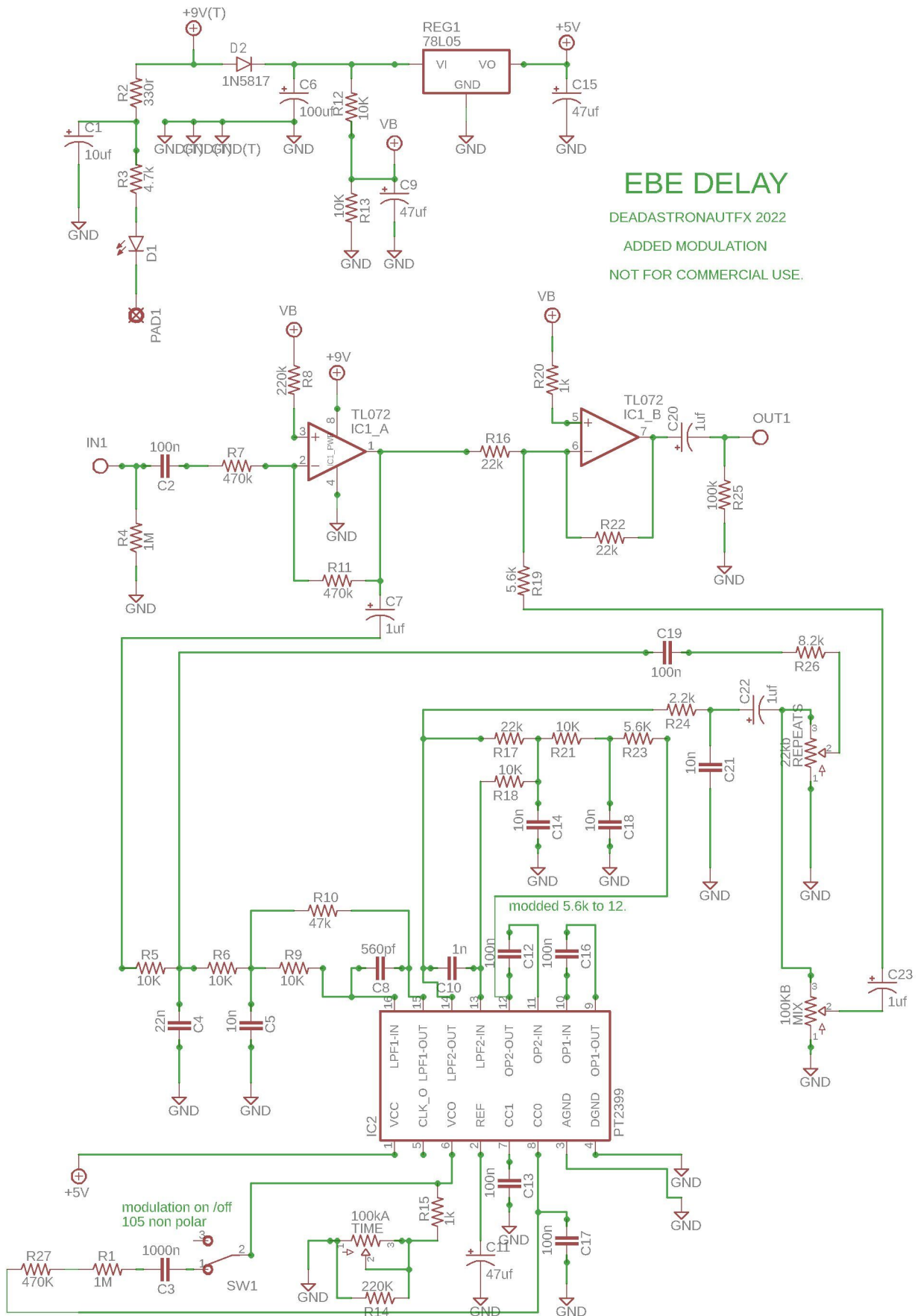


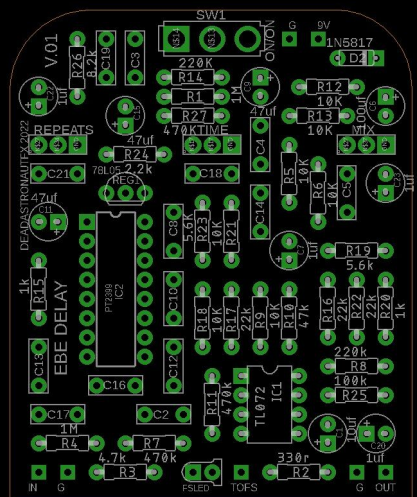
FEED



EEB DELAY
DEADASTRONAUTEX







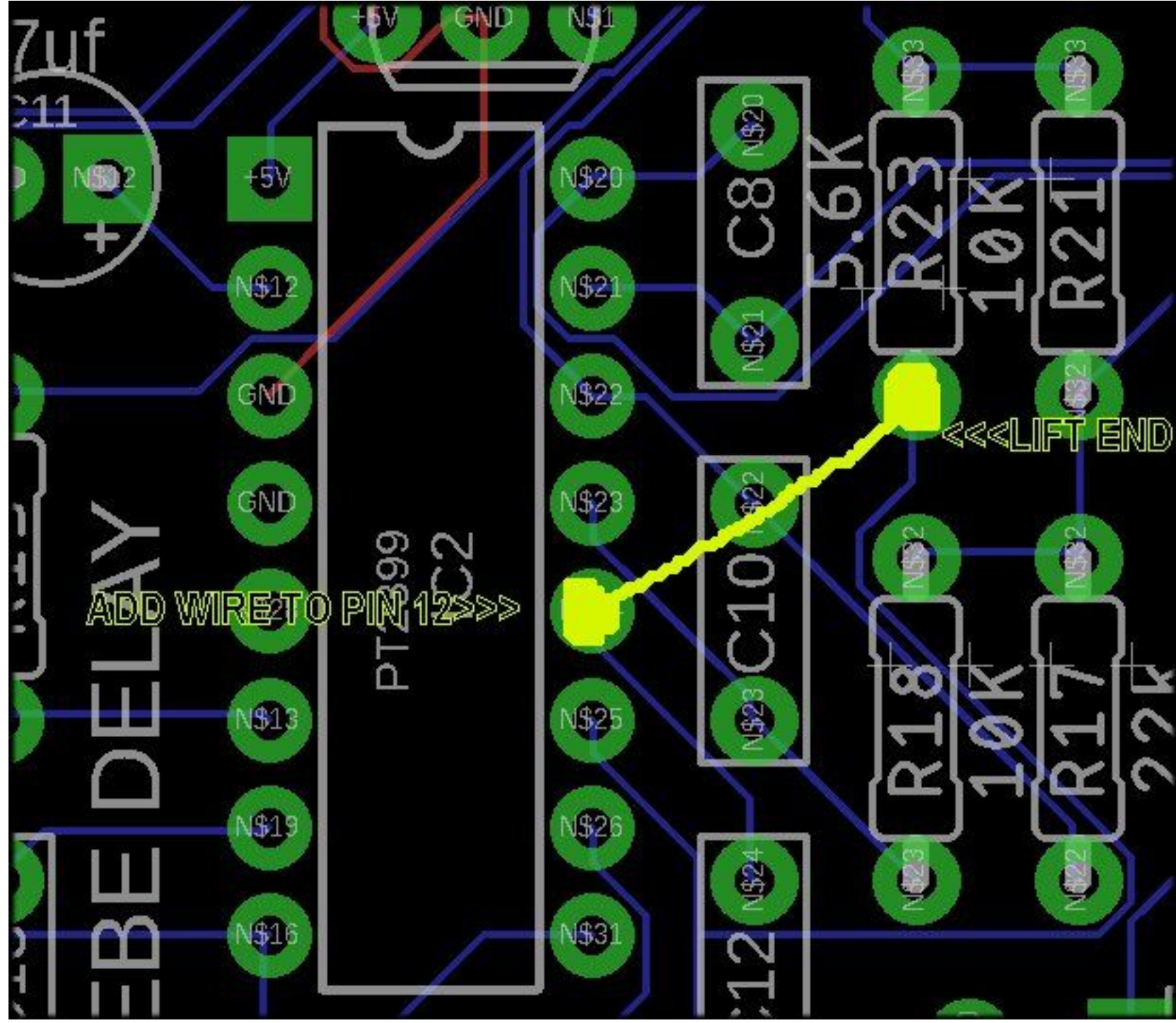
EBE DELAY PARTS LIST. DEADASTRONAUTFX 25/5/22

R1	1M	R_.3B	R0207/3
R2	330r	R_.3B	R0207/3
R3	4.7k	R_.3B	R0207/3
R4	1M	R_.3B	R0207/3
R5	10K	R_.3B	R0207/3
R6	10K	R_.3B	R0207/3
R7	470k	R_.3B	R0207/3
R8	220k	R_.3B	R0207/3
R9	10K	R_.3B	R0207/3
R10	47k	R_.3B	R0207/3
R11	470k	R_.3B	R0207/3
R12	10K	R_.3B	R0207/3
R13	10K	R_.3B	R0207/3
R14	220K	R_.3B	R0207/3
R15	1k	R_.3B	R0207/3
R16	22k	R_.3B	R0207/3
R17	22k	R_.3B	R0207/3
R18	10K	R_.3B	R0207/3
R19	5.6k	R_.3B	R0207/3
R20	1k	R_.3B	R0207/3
R21	10K	R_.3B	R0207/3
R22	22k	R_.3B	R0207/3
R23	5.6K	R_.3B	R0207/3
R24	2.2k	R_.3B	R0207/3
R25	100k	R_.3B	R0207/3
R26	8.2k	R_.3B	R0207/3
R27	470K	R_.3B	R0207/3

C1	10uf	electro	050_020_1	0.22 - 100uF
C2	100n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C3	1000n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C4	22n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C5	10n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C6	100uf	electro	050_020_1	0.22 - 100uF
C7	1uf	electro	050_020_1	0.22 - 100uF
C8	560pf	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C9	47uf	electro	050_020_1	0.22 - 100uF
C10	1n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C11	47uf	electro	050_020_1	0.22 - 100uF
C12	100n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C13	100n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C14	10n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C15	47uf	electro	050_020_1	0.22 - 100uF
C16	100n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C17	100n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C18	10n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C19	100n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C20	1uf	electro	050_020_1	0.22 - 100uF
C21	10n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C22	1uf	electro	050_020_1	0.22 - 100uF
C23	1uf	electro	050_020_1	0.22 - 100uF

D1	LED3MM	LED3MM	LED3MM	
D2	1N5817	DO35.2	DO35-2	DO-35 Package
IC1	TL072	DUALTH	DIL08	OP AMP

IC2	PT2399	PT2399TH	DIL16	Echo Processor IC
REG1	78L05	TO92-		
SW1	ON/ON	SPDT	TOGGLE SWITCH	
TIME	100kA			
REPEATS	22kb			
MIX	100KB			



there is a small modification to do on this green v.01 of the pcb

take the bottom end of the R23 lift that end off the board

and add a wire to it, then take the other end to pin 12 of the pt2399.

i added a wire fro the resistor and took the wire under the board to the pin 12 pad.