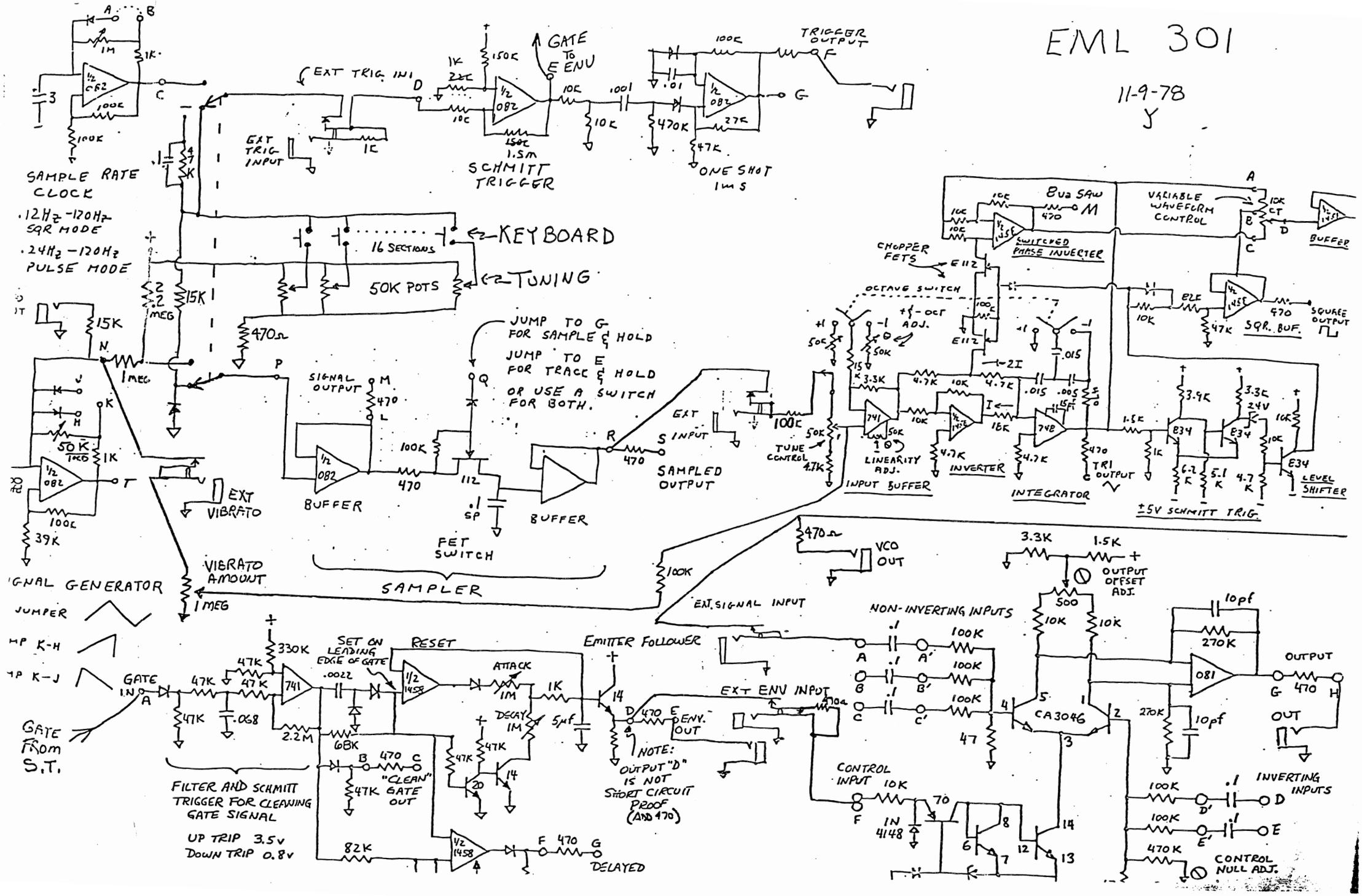
EML 301
11-9-78
Y
SAMPLE RATE CLOCK
.12Hz - 120Hz SQR MODE
.24Hz - 120Hz PULSE MODE
EXT TRIG INPUT
SCHMITT TRIGGER
ONE SHOT 1ms
GATE TO E ENV
TRIGGER OUTPUT
KEYBOARD
16 SECTIONS
TUNING
50K POTS
JUMP TO G FOR SAMPLE & HOLD
JUMP TO E FOR TRACK & HOLD
OR USE A SWITCH FOR BOTH.
SIGNAL OUTPUT
BUFFER
FET SWITCH
SAMPLED OUTPUT
SAMPLER
EXT VIBRATO
VIBRATO AMOUNT
SIGNAL GENERATOR
JUMPER
GATE FROM S.T.
GATE IN
FILTER AND SCHMITT TRIGGER FOR CLEANING GATE SIGNAL
UP TRIP 3.5v
DOWN TRIP 0.8v
SET ON LEADING EDGE OF GATE
RESET
ATTACK
DECAY
"CLEAN" GATE OUT
DELAYED
EMITTER FOLLOWER
ENV. OUT
NOTE: OUTPUT "D" IS NOT SHORT CIRCUIT PROOF (AND 470)
EXT SIGNAL INPUT
EXT ENV INPUT
NON-INVERTING INPUTS
OUTPUT OFFSET ADJ.
CA3046
CONTROL INPUT
IN 4148
INVERTING INPUTS
CONTROL NULL ADJ.
OUTPUT
OUT
VCO OUT
Bua SAW
VARIABLE WAVEFORM CONTROL
BUFFER
CHOPPER FETS
SWITCHED PHASE INVERTER
OCTAVE SWITCH
+1 OCT ADJ.
-1 ADJ.
SQR. BUF.
SQUARE OUTPUT
TUNE CONTROL
LINEARITY ADJ.
INPUT BUFFER
INVERTER
INTEGRATOR
TRI OUTPUT
LEVEL SHIFTER
±5V SCHMITT TRIG.