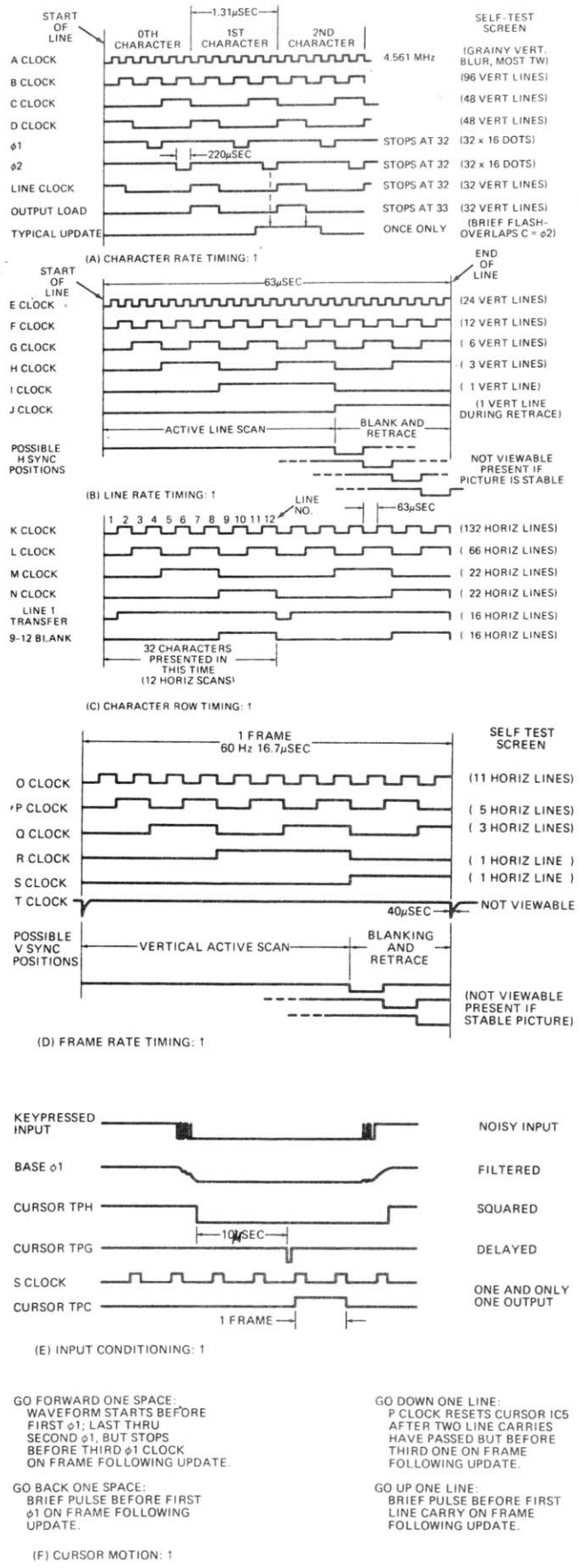


FIG. 9 -- CURSOR BOARD -- character position, counter schematic.

KEY WAVEFORMS at various points of TV Typewriter circuit.



GO FORWARD ONE SPACE: WAVEFORM STARTS BEFORE FIRST $\phi 1$; LAST THRU SECOND $\phi 1$, BUT STOPS BEFORE THIRD $\phi 1$ CLOCK ON FRAME FOLLOWING UPDATE.

GO DOWN ONE LINE: P CLOCK RESETS CURSOR IC5 AFTER TWO LINE CARRIES HAVE PASSED BUT BEFORE THIRD ONE ON FRAME FOLLOWING UPDATE.

GO BACK ONE SPACE: BRIEF PULSE BEFORE FIRST $\phi 1$ ON FRAME FOLLOWING UPDATE.

GO UP ONE LINE: BRIEF PULSE BEFORE FIRST LINE CARRY ON FRAME FOLLOWING UPDATE.