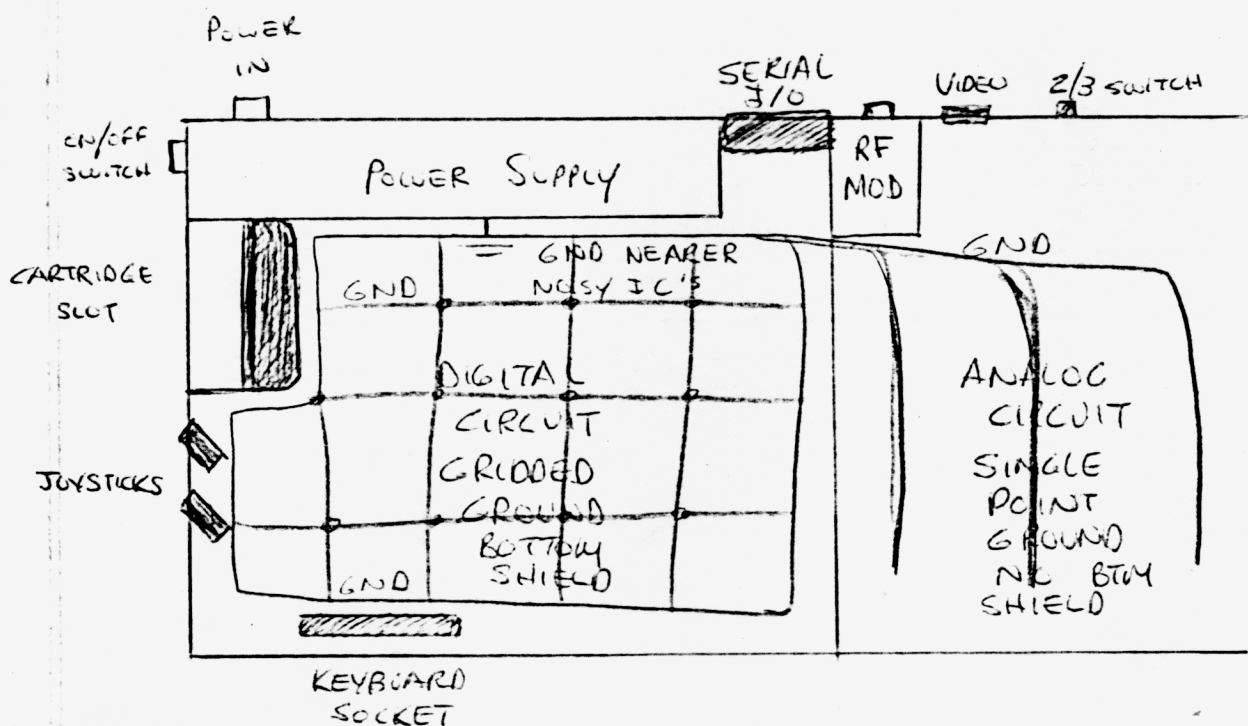


11/10/82 MR



"BETTER" PCB LAYOUT

- ① POWER SUPPLY AT POWER IN.
 - NO LONG LINES (ANTENNAS)
 - LESS NOISE IN/OUT
- ② DIGITAL CIRCUITRY VERY CLOSE TO SUPPLY
 - BETTER $V+$
 - BETTER GROUND (MOST IMPORTANT ASPECT OF ENTIRE LAYOUT!)
 - LESS NOISE (SHORTER RUNS)
- ③ RF/VIDEO OUT FROM ANALOG SECTION
 - SHORT LINES, LESS NOISE
- ④ SHIELD SIMPLE RECTANGLE ON BOTTOM AND TOP IF REQUIRED (DIGITAL SECTION ONLY)
- ⑤ BASIC SENSE OF ORGANIZATION OVERALL
 - LOWEST POSSIBLE RFI
 - LESS RFI MEANS LESS FILTERING/SHIELDING AND LESS \$