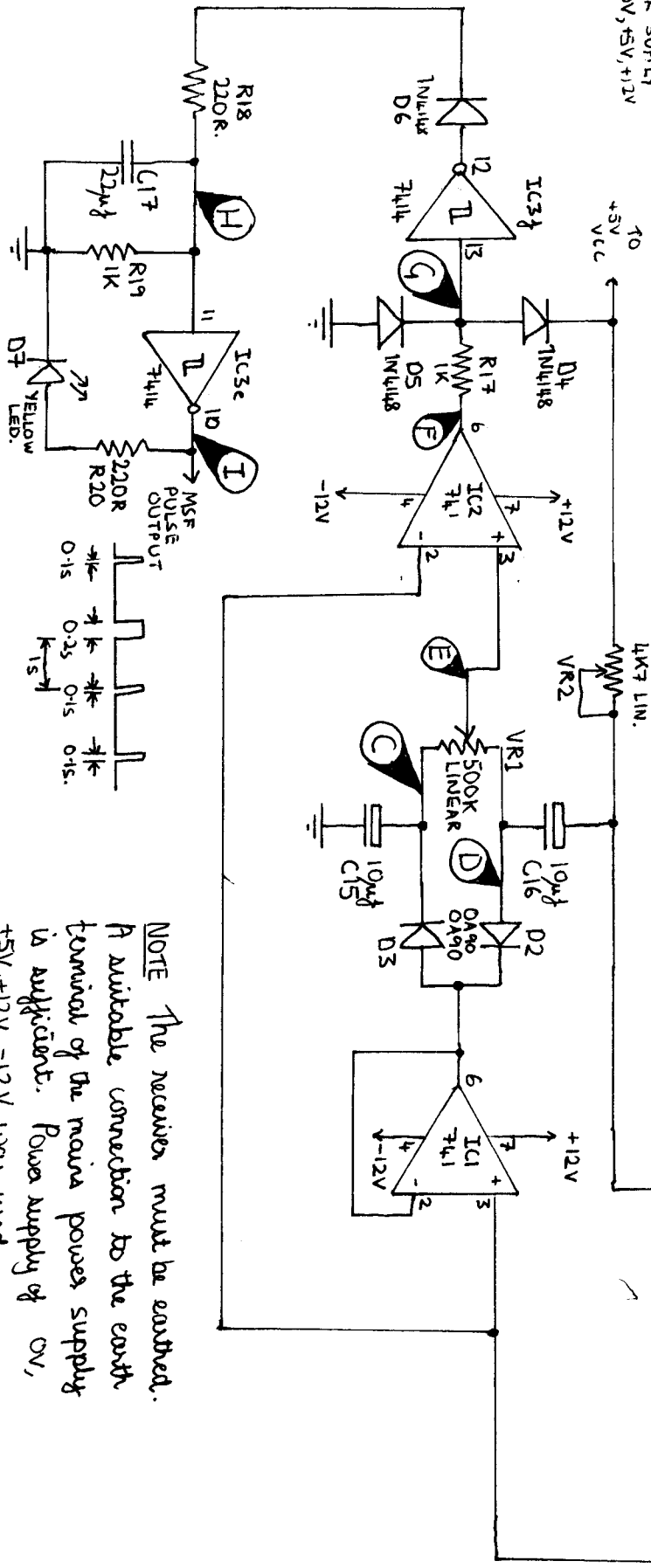


NOTE A POWER SUPPLY GIVING -12V, 0V, +5V, +12V IS REQUIRED.

Simple...



NOTE The receiver must be earthed. A suitable connection to the earth terminal of the main power supply is sufficient. Power supply of 0V, +5V, +12V, -12V was used.

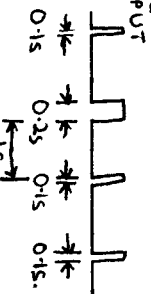
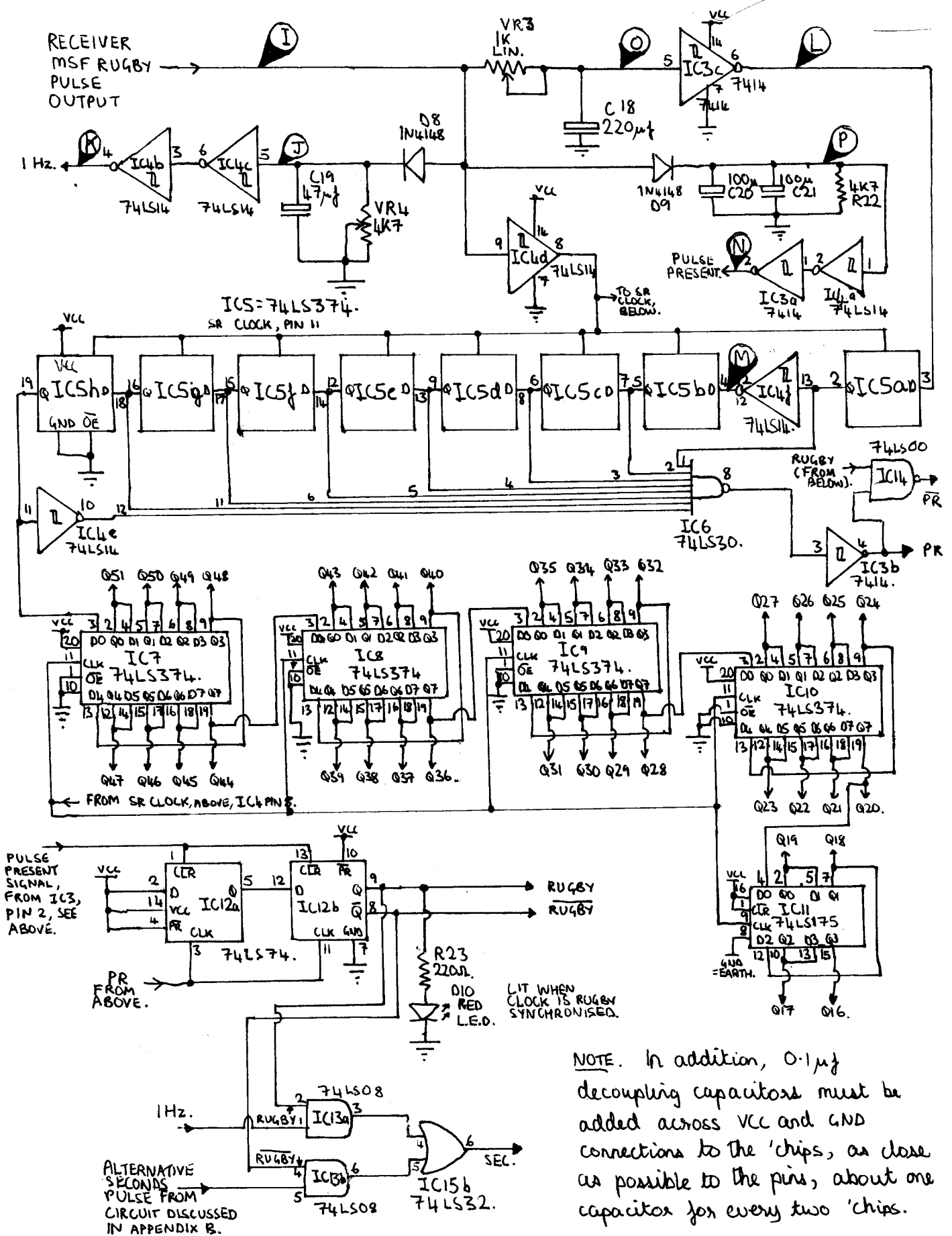
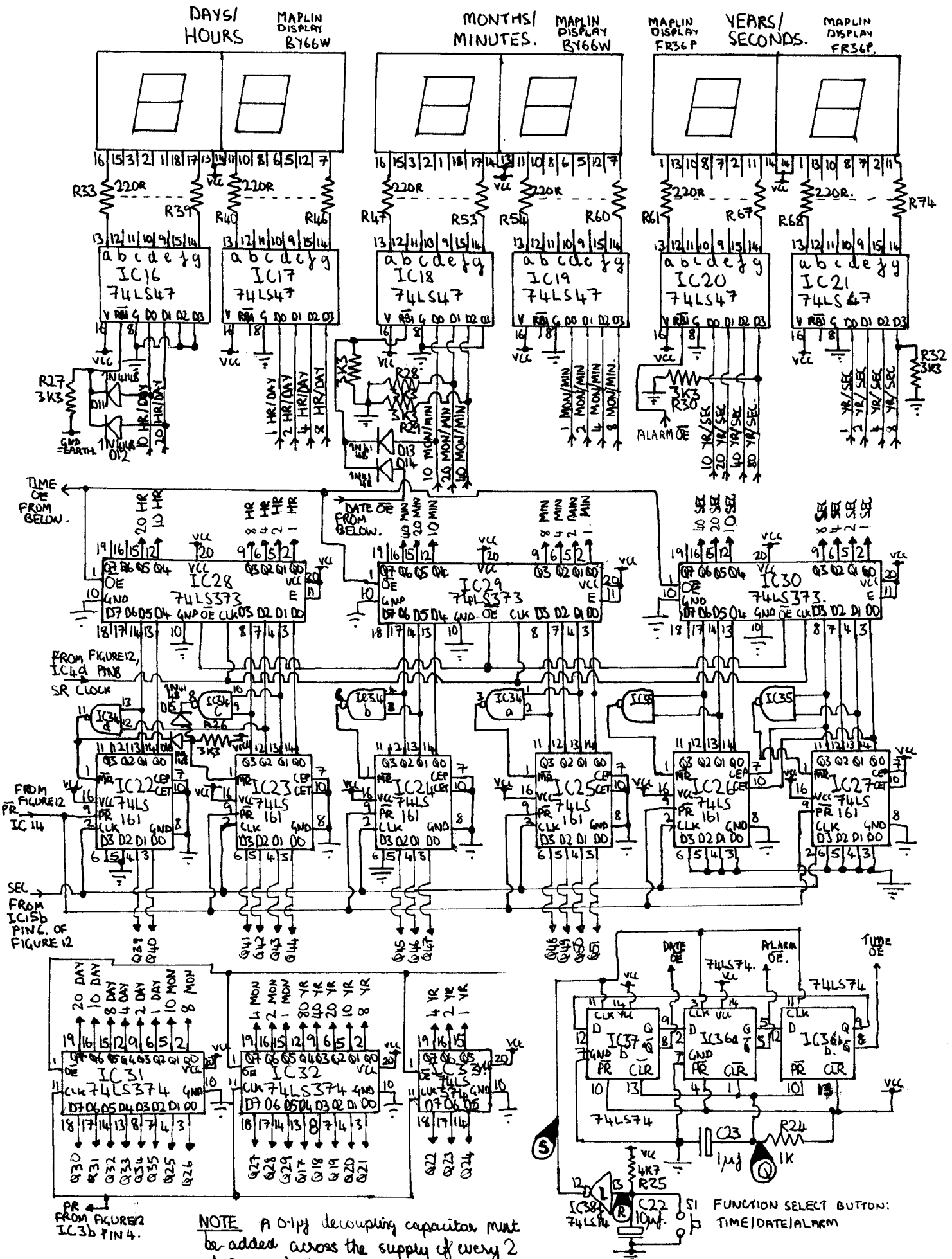


Figure 12 Decoder circuit Diagram.



NOTE. In addition, $0.1 \mu f$ decoupling capacitors must be added across VCC and GND connections to the 'chips, as close as possible to the pins, about one capacitor for every two 'chips.

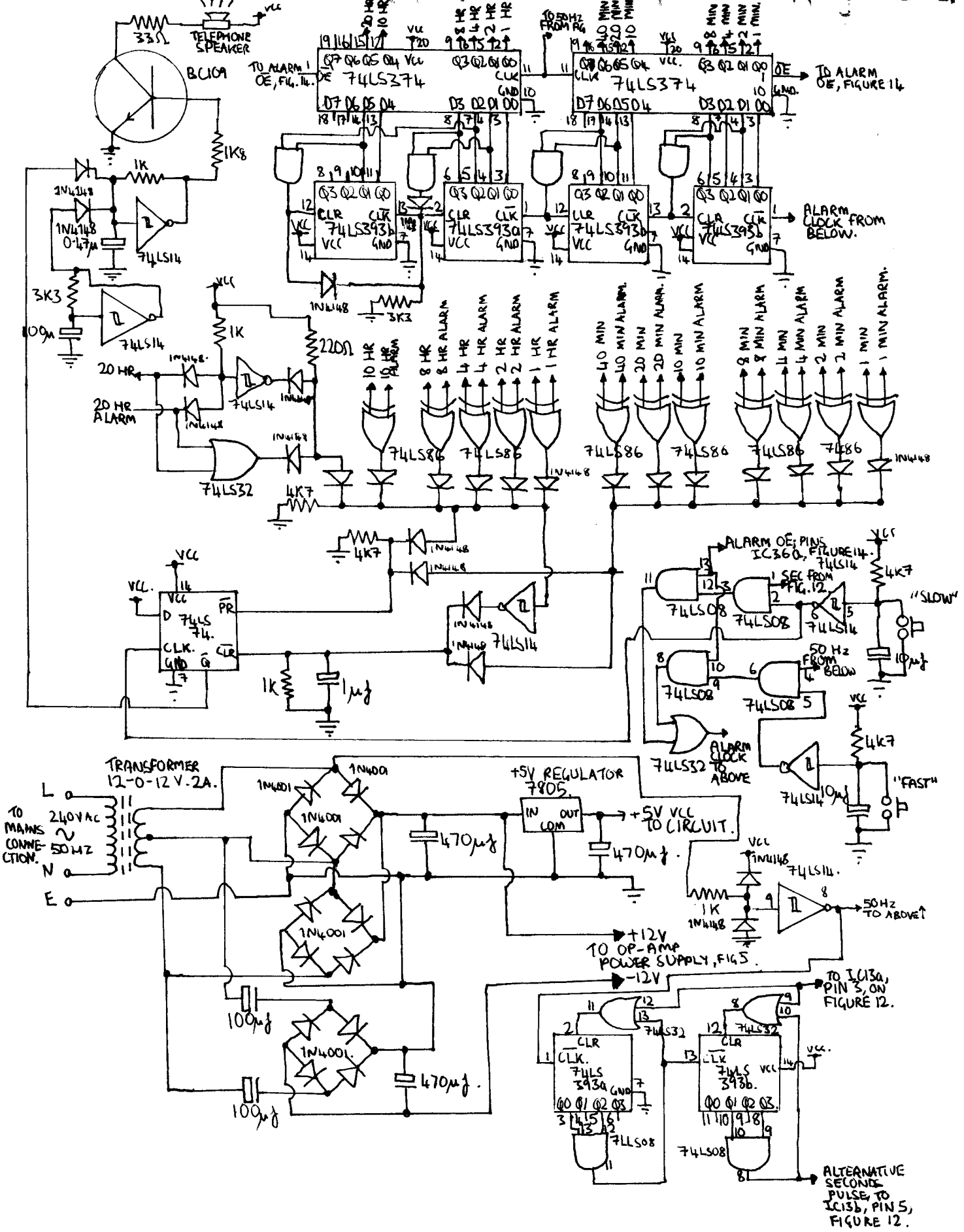
FIGURE 14 Circuit diagram of time & date display



NOTE A 0.1µF decoupling capacitor must be added across the supply of every 2 chips, as in figure 12.

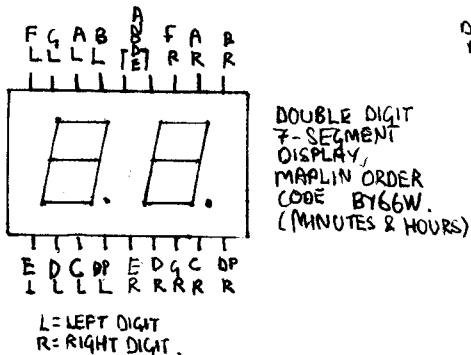
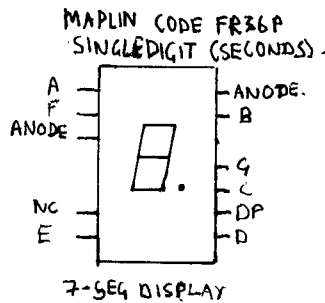
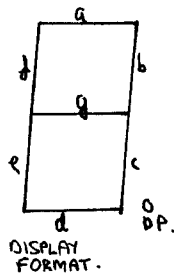
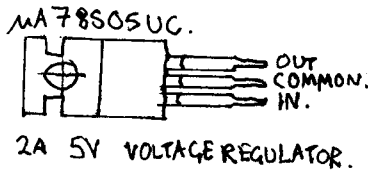
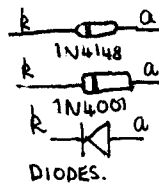
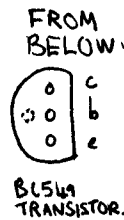
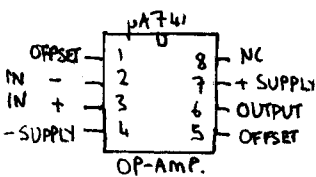
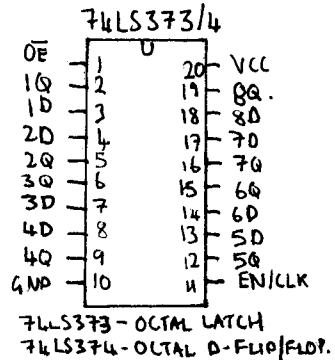
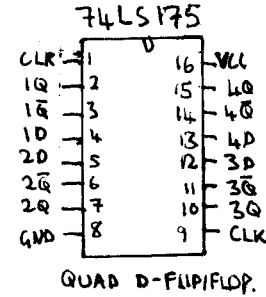
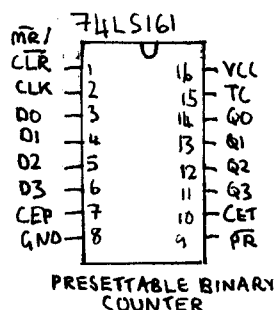
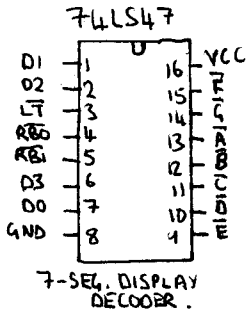
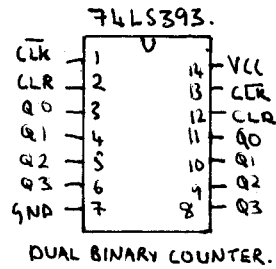
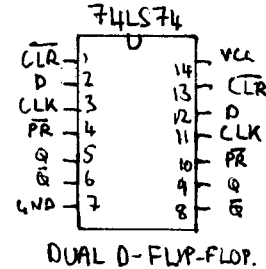
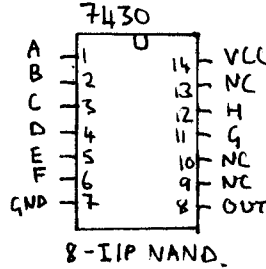
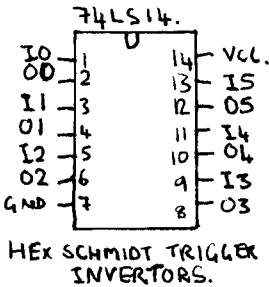
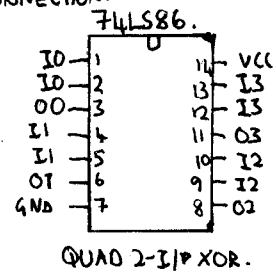
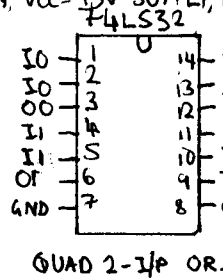
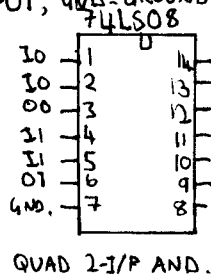
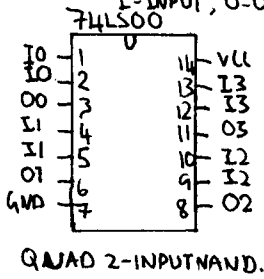
FUNCTION SELECT BUTTON: TIME/DATE/ALARM

FIGURE 16 Circuit of proposed alarm/panic supply/battery.



Appendix C: Component data.

I=INPUT, O=OUTPUT, GND=GROUND SUPPLY, VCC=5V SUPPLY, NC=NO CONNECTION.



just done!