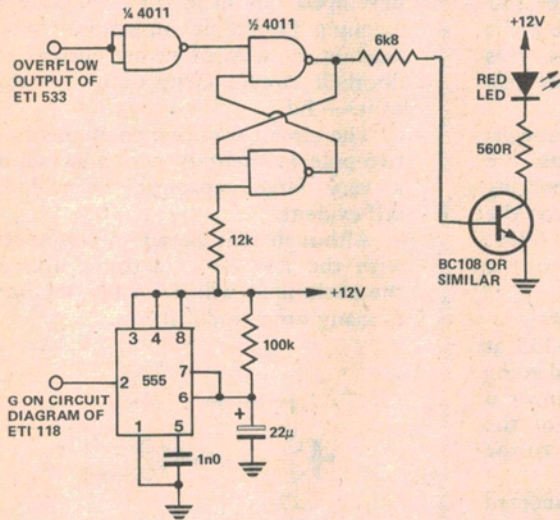


Frequency Meter Overflow Indicator



After Gregory Freeman of Nairne had built the ETI 118 digital frequency meter, he found that the lack of an overflow indication was rather disconcerting. As a result, he built this little circuit, which latches the overflow output from the ETI 533 digital display module and resets it after a pre-determined period.

Although the circuit was originally intended for the ETI 118, it should be fairly easy to add it to any of the pro-

jects which use the 533 module.

Operation is fairly straightforward. When the overflow output of the 533 pulses high, it sets the latch formed by the 4011. This lights the LED via the transistor which will remain on until the 555 resets it.

The 555 is operating in the monostable mode, being triggered about every three seconds by the timebase output of the DFM (which is pin G on the board).