

Circuit Description of transmitter

Description of circuit:

The brief circuit description is listed as follow:

Y1 the 32.768 KHz crystal oscillator drives the U1(SH69P48) of CPU Controller.

The output RF1 has the matching network consisting of R2 that limit the harmonic content and affect the proper coupling of the antenna to the output stage.

The antenna consists of a 12cm long whip antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 6 Volt primary storage cell.