

CIRCUIT DESCRIPTION

PF02 is a pet's automatic water supply device formed by the oscillator, amplifier, timer, monostable circuit and water pump. The oscillator operates with a frequency of 915MHz when external object moves, it detects aerial radiation and oscillator frequency changed. A faint Signal is sent to amplifier , Then to the monostable circuit Finally, monostable circuit output a pulse signal of certain length to activate the pump, Timer is used to control the duration of pump operation.