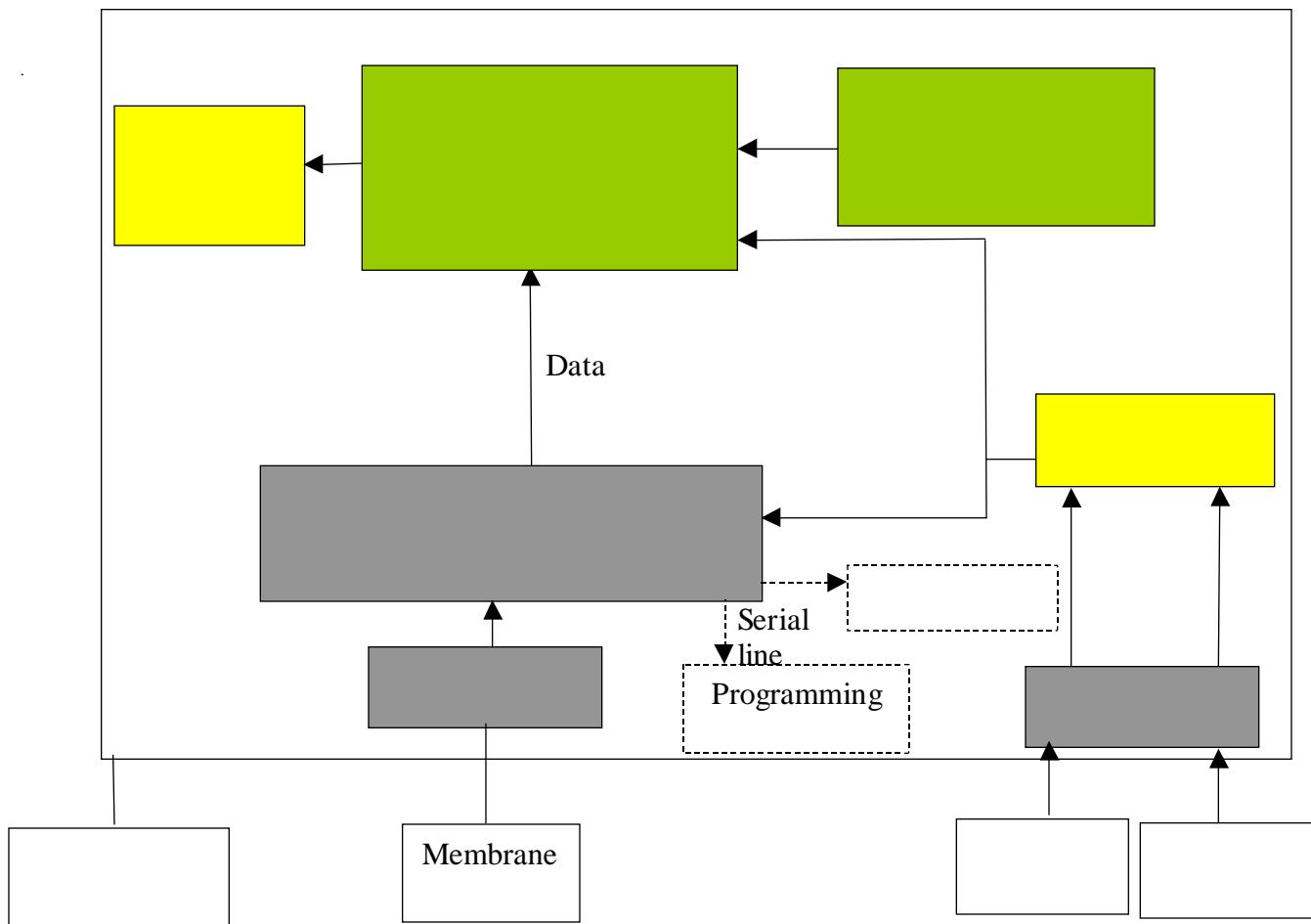


block diagram



: No functional module when the product is in normal mode (user)

INTERNAL STRUCTURE

The electronics of RF transmitter consists of a battery, of four PCB trace pattern for the pushbuttons of the silicone membrane, of a micro controller, of a Colpitts oscillator and an microstrip loop antenna.

The micro controller detects activation of the trace pattern (short circuits between tracks).

The oscillator is activated by the micro controller at the data rate of the data transmission.

An interface of communication is necessary to initialize the transmitter and for the diagnostic.

The micro controller is a NEC UPD789861.