

EXHIBIT B

(FCC Ref. 2.1033(b)(4))

"Description of Circuit Functions"

SMARTHOME PRODUCTS (SHENZHEN) CO., LTD.

MODEL:WC2002S CHIME RECEIVER

TECHNICAL DESCRIPTION

Model WC2002S door chime receiver is part of the wireless door chime system series. The circuit is operated at 3VDC source. The receiver consists of a single Transistor that is worked as a regenerative detector operating at 315MHz. Its output is connected to a comparator circuit that senses the presence or absence of a received RF carrier signal, thus producing a digital output that is decoded by the digital portion of the circuit.

The circuit is contained on two double printed circuit board which is mounted in a plastic case approximately 95×68×40mm. A house coding circuit can be programmed by 16 bits switch to repond to 16 different recognition codes.

FCC ID: LQP-316LED
Marstech Report No. 22274D
EXHIBIT B(1)