

Operational Description: PQTDORM08

The keyfob assembly consists of a plastic case with 3 button cutouts, a rubber button panel, and a PCB and battery. It generates an on-off keyed, Manchester encoded signal that is transmitted at 315MHz.

The keyfob uses an MCU IC that detects button presses and calculates and transmits an encoded signal to a receiver via an external software controlled transmitter IC. Neither IC uses an external resonator. The antenna is integrated into the PCB.

The 2 keyfob models are electrically identical. The PCBs are exactly identical between each. The only difference between the two models is the software in the MCU.

The software in model 13733 transmits a signal with a slightly lower maximum duty cycle and thus is able to transmit with a slightly higher output signal. Because of the higher maximum duty cycle in the 13734 software, its output power was adjusted to fit within allowable limits. The output power is set by the software for each model.

MODEL	DESCRIPTION	Buttons
13734	KEYLESS ENTRY REMOTE	3
13733	KEYLESS ENTRY REMOTE	3