

May 5, 2010

TEE
24175 Research Dr.
Farmington Hills, MI 48335-2642
Tel 248.478.7210
Fax 248.699.4241

Re: Class II Recertification for TRW Remote Keyless Entry Transmitter

Model #: 208926-101 through -105, 218726-101, 218727-101, 218727-103, 209930-101
FCC ID: GQ4-3VT20T
IC ID: 1470A-1T

Description of Circuit Operation

The TRW Remote Keyless Entry Transmitters are designed to operate Remote Keyless Entry functions in automotive vehicles. It will utilize nine design configurations. These are listed by the model numbers below:

- 208926-101: 3 button – Lock, Unlock, Panic
- 208926-102: 4 button – Lock, Unlock, Panic, RH Power Slide Door
- 208926-103: 5 button – Lock, Unlock, Panic, RH Power Slide Door, LH Power Slide Door
- 208926-104: 5 button – Lock, Unlock, Panic, RH Power Slide Door, Power Back Door
- 208926-105: 6 button – Lock, Unlock, Panic, RH Power Slide Door, LH Power Slide Door, Power Back Door
- 218726-101: 4 button – Lock, Unlock, Panic, Power Back Door
- 218727-101: 4 button – Lock, Unlock, Panic, Glass Hatch
- 218727-103: 5 button – Lock, Unlock, Panic, Glass Hatch, Power Back Door
- 209930-101: 4 button – Lock, Unlock, Panic, Trunk

The Microchip ASIC (U1) is used for the signal encoding and the operation control. The design uses special Toyota transmitter tooling for the top and bottom plastic housing, and switchpad. The PCB utilizes all surface mount components including the battery terminal and the tact switches. The PCB utilizes 0.031” thickness FR4 material and same PCB is used for all design configurations. The different configurations are determined by the switch population.