

Door/Trunk Oscillator, ASAT2

This product is transmitter for Keyless Entry System. Antenna will be installed in door handle and bumper of a vehicle. For operating this system, users only carry electronic key and vehicle and electronic key automatically communicate each other to identify ID to lock and unlock the door of vehicle and unlock the trunk..

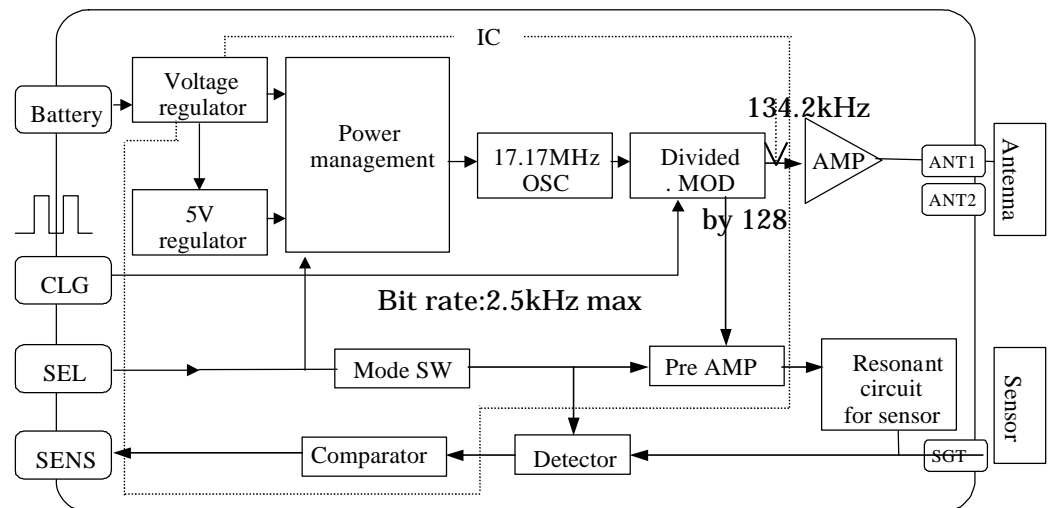
[Role of this system]

This product operates as part of this system when signal transmitted from ECU in a vehicle to electronic key(2.5kHz(TYP)) enter into CLG terminal, the signal will be carried by carrier(134.2kHz(TYP)) and read out from Antenna.

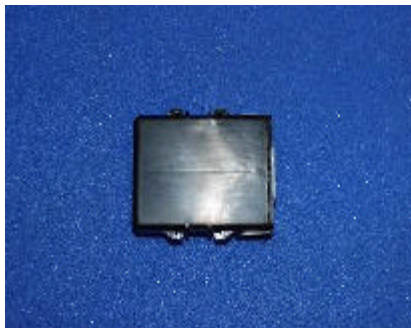
[Operation]

17.1776MHz oscillation occurs in [17.17MHzOSC] Block and 128 dividing are processed at [Divided Mod.] block, and generate 134.2kHz. Logic synthesized CLG Signal (2.5kHz(TYP.)) entered from outside enter into [AMP] Block and amplifies the power then transmit from [Antenna] block as electromagnetic field.

[Block Diagram]



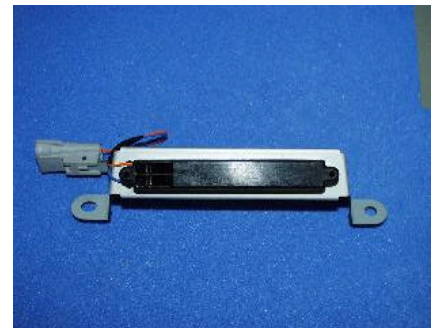
[Exterior view]



Oscillator



Door Antenna



Trunk Antenna