Circuit Description:

W2-A: is a EM and HID card single door controller.
It is a standard single-chip MCU generates an ASK 125KHz square wave through the drive circuit and the antenna oscillations. Generate a sine wave. Were provided to the EM and HID Card reader circuit circuit.
HID card reader circuit cards read to read the information sent by the HID driver circuit, sending the microcontroller (MCU) inside the decoder.
EM card reader circuit cards read by reading the information sent to the microcontroller (MCU) inside the decoder.
Users can remove the infrared remote control and user information stored in the machine functions and settings. User information is stored in serial memory (FLASH Memory) inside. When the machine read the card when the card information stored inside the user with the FLASH card information to compare, then make the appropriate action by the MCU.
The machine has a Wiegand 26 output / input function. 1, the output function: When the machine when the card read, MCU will Wiegand 26 output signal. This signal can be connected to any Wiegand 26 with the input of the controller. 2, enter the function: The machine has an external Wiegand 26 output for any reader.

The machine has Wiegand26 input / output; machine tamper alarm circuit; door status detection circuit; external electric lock circuit; external alarm circuit.