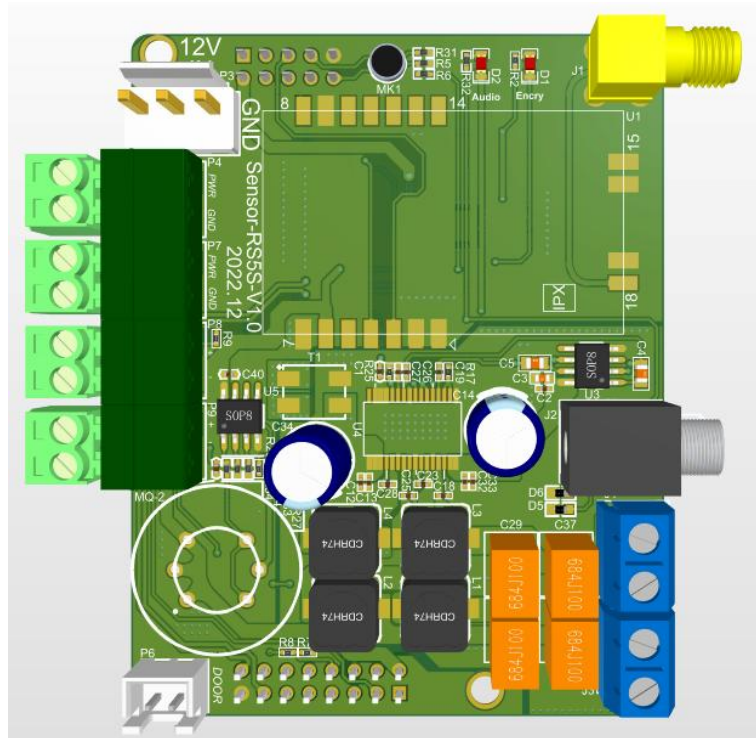




Multi-Function Card

R56S

Specification Product

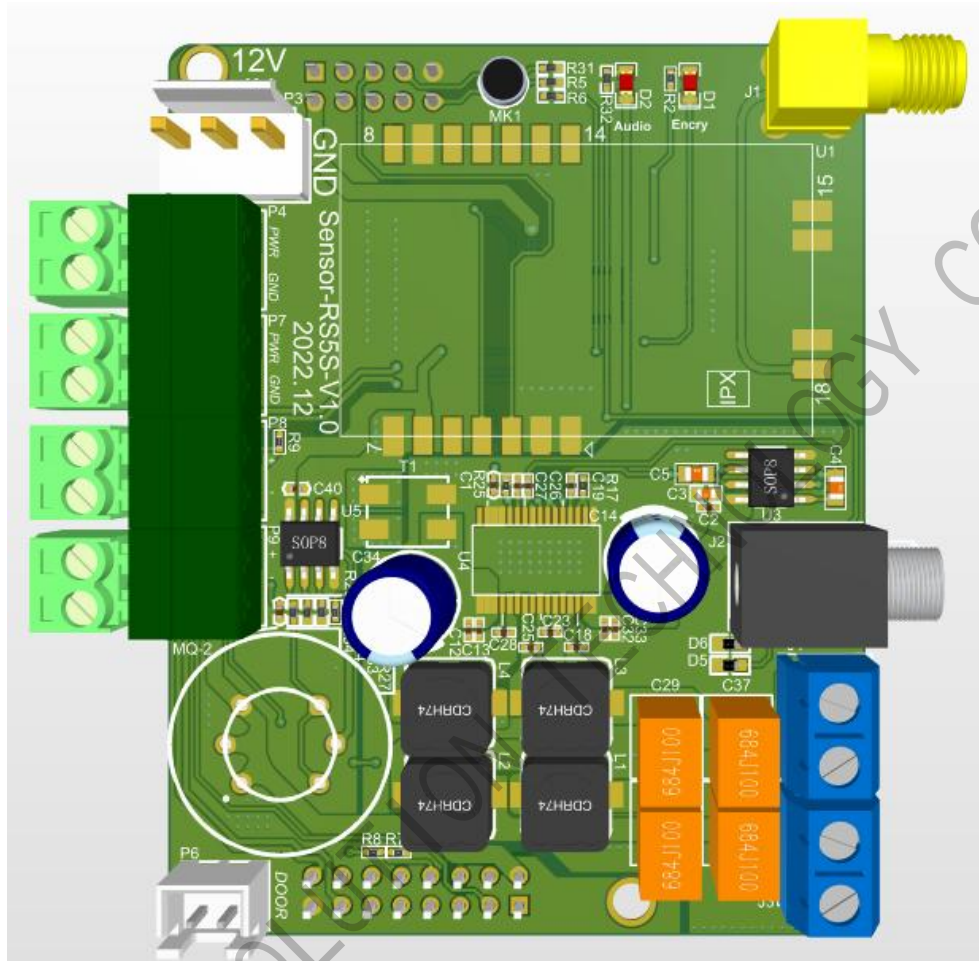
Update Record

No.	Version	Update	Revise
1	Ver.1.0	Initial	2023.01.29

The document is subject to change without prior notice.

SHENZHEN SYSOLUTION TECHNOLOGY CO.,LTD

Product Image

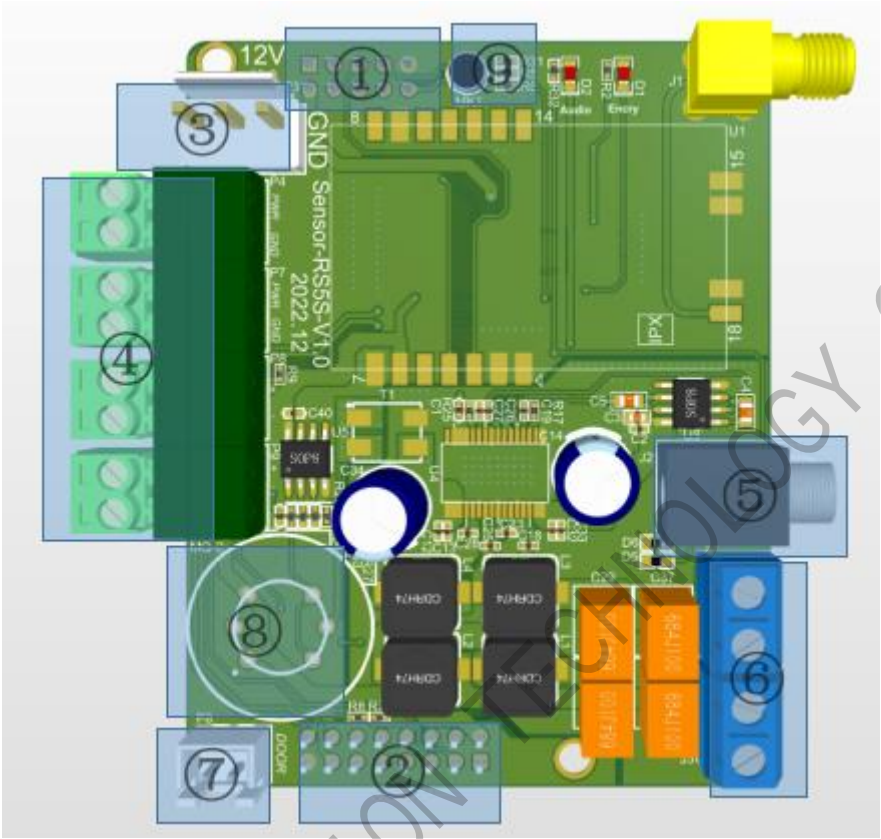


Features

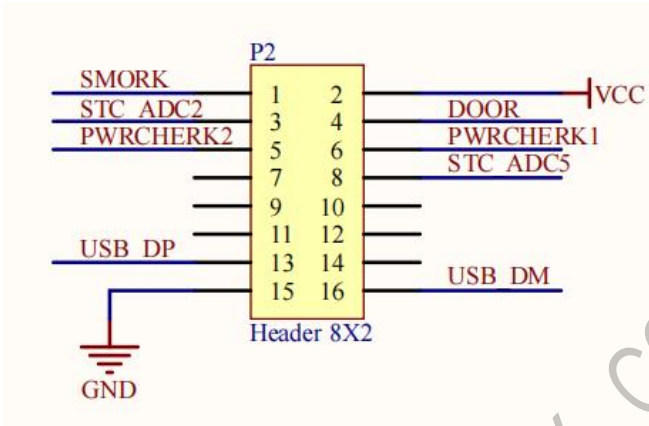
Multiple function board R56S has following features:

1. Run indicator: checking the sensor working normal or not;
2. Work together with Sysolution Y50 controller
3. Standard 2 ways of remote power relay switch to control opening and closing of AC contactors to achieve remote hard power outage;
4. Maximum support 4 ways of power voltage measurements.
5. Standard smoke, door open/close sensors interfaces

Interface Definition



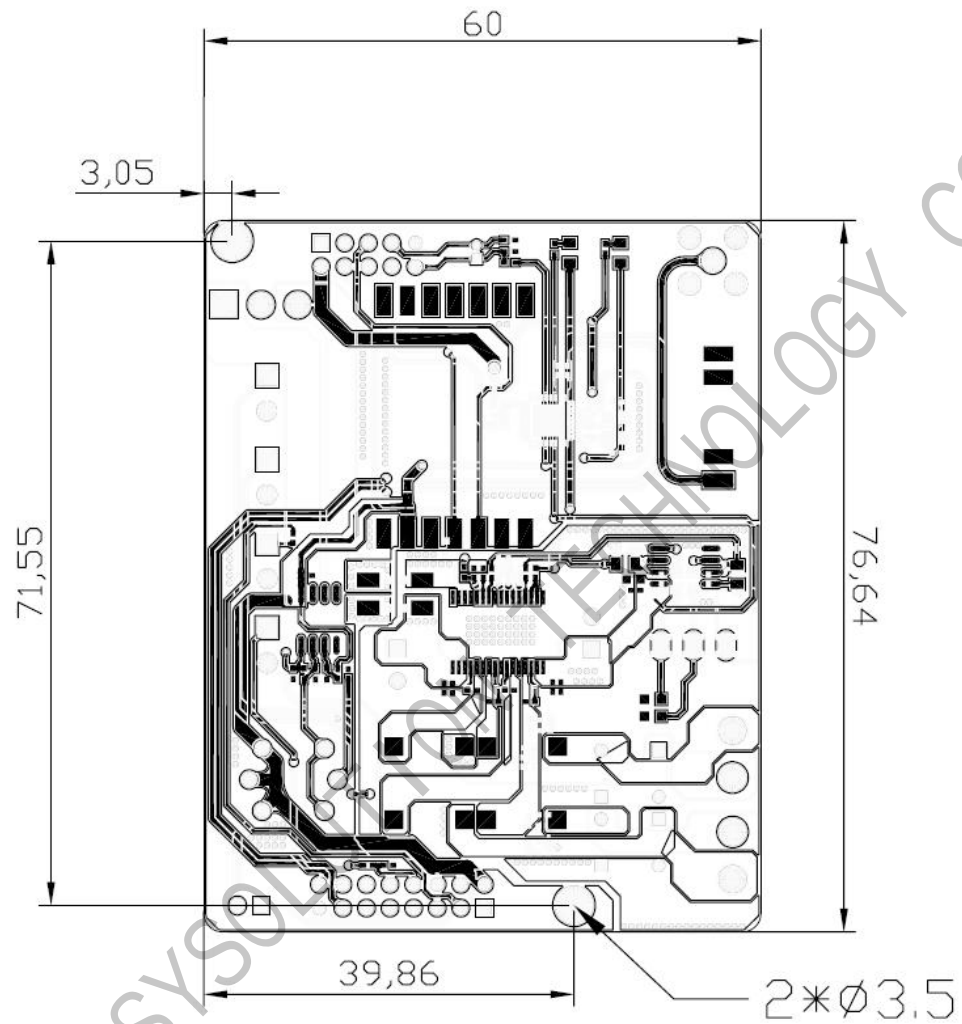
Description	
No.	Type
①	10PIN interface: Microphone

②	16PIN interface: connecting smoke, ADC measure, door open/close, USB  The diagram shows a 16-pin header labeled P2. The pins are numbered 1 to 16. The connections are as follows: - Pin 1: SMORK - Pin 2: DOOR (connected to VCC) - Pin 3: STC ADC2 - Pin 4: PWRCHERK1 - Pin 5: PWRCHERK2 - Pin 6: STC ADC5 - Pin 7: (unconnected) - Pin 8: (unconnected) - Pin 9: (unconnected) - Pin 10: (unconnected) - Pin 11: USB DP - Pin 12: (unconnected) - Pin 13: (unconnected) - Pin 14: USB DM - Pin 15: (unconnected) - Pin 16: (unconnected) A ground symbol is connected to pin 15. The header is labeled 'Header 8X2'.
③	Power interface: 12V power supply
④	4 ways of power voltage measurement
⑤	3.5mm audio input
⑥	Amplifier audio output port
⑦	Door open / close sensor interface
⑧	smoke modem
⑨	microphone

Specifications

Product name &Type	Parameters
Multiple function board R56S	1. The radius of synchronous radiation is 2KM (the distance affected by the actual use environment may have deviation); 2. Reserved interfaces for smoke, door opening and closing detection, and power voltage detection; 3. Work with the Y50 sending card, there is no need for additional holes for fixation.

Dimensions



unit: mm

Note

1. Pay attention to water resistance.
2. It is strictly prohibited to plug and remove the connecting cable while the line is live.
3. Do not touch the AC220V terminal of the relay.
4. Do not touch the chips and pins on the product to avoid electrostatic damage.