Singlechip

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1. **Design philosophy**

Singlechip's appearance our idea is to break the general SCM founder shape of the conventional,to attract the public's interest.Therefore,we also referred to the pappearance design of some charging treasure,and decided to adopt a minions image with high public recognition,while those additional induction devices can be inserted into the minions as accessories, so that the appearance recognition is high and meets the general operation requirements of microcontroller.

1. **Software rendering**

Menu bar

Functional zone

Input interface

Output interface

Command execution window

Software general color matching is the appearance of the SCM color:red,yellow,blue.The software has five operating interfaces(as shown above).Each area has a very distinct division.

1.Each command has its own specific color to distinguish,in color to do

the distinction,will reduce the visual fatigue like programming implementation

2.The user can pull the function directly onto the command to be executed, and t

he input interface will change accordingly

1. The visual input area is embedded and nested,and the visual effect is more novel
2. **Construction and presentation**

Internal specific covers:light intensity gear,LCD display time and date,plug-in photosensitive resistor ,bluetooth module,human sensing device,wireless module.

Connection jack:including 5V battery,HC-ER501 human body induction module,and several types of jack around MCU correspond to the software interdace(operation process display).

Object connection(export implementation mode),human body induction device,wired/wireless conversion excuse,photosensitive resistor device(left and right sockets。can connect different MCU accessories. this is,some ancillary functions)

CSoftware functional areas will continue to optimize,and in the appearance of whether the appearance can be better conntected with the MCU. The design of the appearace should take the public's needs into consideration and try to make the public accept and like it.