RH850_Secured

Table of contents

Common for all MCU RH850 Secured

1 .How it works.
When you solder all required capacitors and when you connect all wires to MCU you can start process .
Very important is how is connected sonde.
All MCU R7F7010xxx , R7F7014xxx , R7F7015xxx , R7F7016xxx , R7F7017xxx required sonde v1 (green)
All MCU R7F7013xxx required sonde v2 (red).

Depnded what kind MCU you try to unsecure you must use proper output from sonde (white wire).

Sonde has few outputs P0...P4
P0- 0R (this output is mostly designed for R7F7014xx BGA)
P1- 0.33R (this output is mostly designed for R7F7014xx)
P2- 0.68R (this output is mostly designed for R7F7014xx)
P3- 4.7R (this output is mostly designed for R7F7010xx , R7F7015xx, R7F7016xx)
P4- 6.8R (some old sonde has not this output) (this output is mostly designed for R7F7010xx , R7F7015xx,
 R7F7016xx)

On secific module (board) manual you have inclided inforamtion which out you should use.

Always is sme rule. When you start unsecure MCU you will see on lowest statusbar on application
(Multiprog or UHDS) you see 2 counters.

Left counter counting one by one up - it show how many probes was.
Right counter is very important and it show status of unsecure process. This Value should jumping between
1..10 .
If left counter in all time stay on value 1 - it mean You must incerse resistance or another say set out of
sonde to higher out (for example if was used P0 try use P1)
If left counter jumping to very high value or go till 1000 it mean resistance is to high and you should use
lower output of sonde (for example if was used P2 use P1)

**Unsecure time never should be higher as 1-3 minute. If after few minuts still not
result - disconect it and check all again**

R7F10xxx