## **RT809H Programmer Technical Upgrading Notification**

NO:20170001

Applicable scope: A very few of the RT809H programmers produced before 15th July,2017(with the serial number before 20170715) have the problem that some functions go wrong under the Win7 system, so these programmer should be improved, and the else programmers have no need to be modified without this problem. The details are as follows:

1. When self testing or reading and writing the 28/29 series NOR FLASH chip with VPP high voltage, communication fails.

E	inter chip printing	History	www.iFix.net.cn	
s	329GL064N90TFI04@TSOP48	•	爱修. 鄧力你的事业	
A	Manufacturers ALL SPANSION	Partnumber S29GL064A90TFIR3@ S29GL064N@@BGA0 S29GL064N90BFI04@ S29GL064N90TFI02@ S29GL064N90TFI04@	2TSOP48 34 2BGA48 2TSOP56	
<ul> <li>052: Start reading chip</li> <li>053: .EXT_CSDRead successful, file saved.</li> <li>054: .BOOT1Read successful, file saved.</li> <li>055: .BOOT2Read successful, file saved.</li> <li>056: .Start to read the user area data and save, large capacity, please be patient</li> <li>057: This operation has been cancelled!</li> </ul>				
058: Error code : 0 059: Read error, operation aborted. 060: The currently selected:S29GL064N90TFI04@TSOP48, capacity: 64Mbits, 8Mbytes 061: Adapter model: RT-TSOP48-1, 0.5, 12*18, Pin to Pin 062: Hi-ROM/OTPArea size: 2048 bits, 256 bytes, the starting position in the buffer zo 063: Download device programming algorithm				
065: >	4: Algo update OK 5: > 6: Read timeout. Communication failure hint			

2.When reading EMMC off line,Boot1,Boot2 and Ext\_csd areas work normally but User area goes wrong.

Enter chip printing	History www.iFix.net.cn		
EMMC_AUTO_4BIT	▼ 爱修.0勝力你的事业		
Manufacturers	Partnumber		
ALL	EMMC_AUTO		
ALL	EMMC_AUTO_4BIT		
	EMMC_AUTO_ISP		
	EMMC_ISP_MST_UART_ON		
045: Identified the genuine adapter: RT-BGA169-01,V2.1, SN: 20170624092145-S566			
046: eMMC OCR: C0FF8080			
047: eMMC CID: 110100303034473439001323122FBE			
048: eMMC CSD: D00E00320F5903FFFFFFFE3964000			
049: Chip ID:00010011,Chip Name:004G49			
050: Chip Size: User=3776MB,Boot1=Boot2=1024KB,RPMB=128KB.			
051: C:\Users\Administrator\Desktop\EMMC_AUTO_4BIT_20170727_104606\EMMC_/			
052: Start reading chip 053: .EXT_CSDRead successful, file saved. Root1 Root2 and Ext_csd			
54: BOOTIRead successful file saved /			
55: .BOOT2Read successful, file saved. areas work normally.			
56: .Start to read the user area data and save, large capacity, please be patient			
)57: This operation has been cancelled!			
058: Error code : 0	ser area goes wrong.		
059: Read error, operation aborted.	Jer an		
	<b>T</b>		
<b>∢</b>			

## Technical upgrading content:

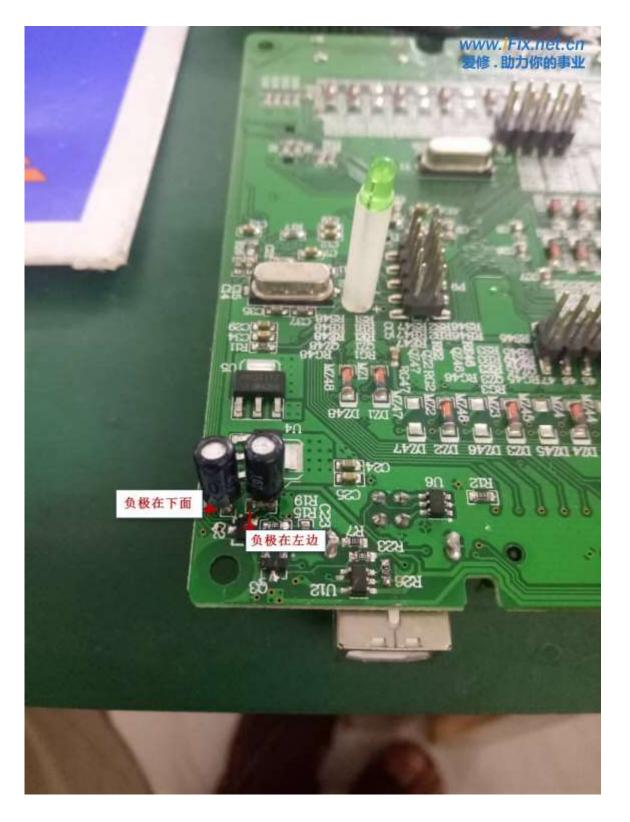
- 1 : R26 Resistor Original parameter is 12K or 10K ; Modified parameter is 4.7K
- 2 : C18 Capacitor Original parameter is 106 ; Modified parameter is 476/10V
- 3 : C22 Capacitor Original parameter is 104 ; Modified parameter is 476/10V

**Component location:** 



Notes : If can' t find the capacitor with patch for the C18/C22, then use the electrolytic capacitor parallel (pay attention to the polarity) connected with 47uF-100uF/16v.

Like the following picture showing:



Please check if your programmer has the same problem, it don't need to modify if not. We apologize for any inconvenience caused.

If there is still any question please contact technical support : Engineer Mr. Zhang : QQ:113536588 WeChat:13600024226