**字符串匹配测试2**

**一、所有字符串测试结果**

经测试，所有57对字符串的匹配均正确，以下是正确结果与CPU返回结果对比：

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 应返回here | 581 | 587 | 0 | 610 | 623 | 627 | 637 | 642 | 650 | 0 | 662 | 665 |



|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 应返回here | 0 | 690 | 728 | 762 | 769 | 0 | 843 | 872 | 0 | 0 | 965 |



|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 应返回here | 997 | 0 | 0 | 1097 | 1136 | 1170 | 0 | 0 | 1265 | 1293 |



|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| 应返回here | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| 应返回here | 0 | 0 | 0 | 0 | 1891 | 1922 | 1969 | 2003 | 0 | 2071 |



|  |  |  |  |
| --- | --- | --- | --- |
| 序号 | 54 | 55 | 56 |
| 应返回here | 0 | 2157 | 0 |

（程序在蓝线处结束）

**二、新发现的问题**

1、BTB表在上升沿修改跳转信号，与PC在上升沿修改地址会产生冲突。

解决方法：将BTB修改跳转信号和修改跳转地址均改为在下降沿进行。

2、测试程序跳转标签有一处错误。经修改后，现测试代码完全正确。