**单周期CPU测试文件一览**

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| **地址** | **汇编程序** | **指令代码** | | | | | |
| **Op(6)** | **rs(5)** | **rt(5)** | **rd(5)/immediate (16)** | **16进制数代码** | |
| **0x00000000** | addi $s0, $zero, 15 | 000001 | 00000 | 10000 | 0000 0000 0000 1111 | = | 0410000F |
| **0x00000004** | addi $s1, $zero, 100 | 000001 | 00000 | 10001 | 0000 0000 0110 0100 | = | 04110064 |
| **0x00000008** | add $s2, $s0, $s1 | 000000 | 10000 | 10001 | 1001 0000 0000 0000 | = | 02119000 |
| **0x0000000C** | sub $s3, $s1, $s0 | 000010 | 10001 | 10000 | 1001 1000 0000 0000 | = | 0A309800 |
| **0x00000010** | ori $s4, $s2, 78 | 010000 | 10010 | 10100 | 0000 0000 0100 1110 | = | 4254004E |
| **0x00000014** | and $s5, $s2, $s3 | 010001 | 10010 | 10011 | 1010 1000 0000 0000 | = | 4653A800 |
| **0x00000018** | or $s6, $s2, $s3 | 010010 | 10010 | 10011 | 1011 0000 0000 0000 | = | 4A53B000 |
| **0x0000001C** | move $s7, $s1 | 100000 | 10001 | 00000 | 1011 1000 0000 0000 | = | 8220B800 |
| **0x00000020** | sw $s0, ($s0) | 100110 | 10000 | 10000 | 0000 0000 0000 0000 | = | 9A100000 |
| **0x00000024** | addi $s0, $s0, -4 | 000001 | 10000 | 10000 | 1111 1111 1111 1100 | = | 0610FFFC |
| **0x00000028** | lw $t0, 4($s0) | 100111 | 10000 | 01000 | 0000 0000 0000 0100 | = | 9E080004 |
| **0x0000002C** | addi $s1, $zero, 16 | 000001 | 00000 | 10001 | 0000 0000 0001 0000 | = | 04110010 |
| **0x00000030** | addi $s0, $s0, 1 | 000001 | 10000 | 10000 | 0000 0000 0000 0001 | = | 06100001 |
| **0x00000034** | beq $s0, $s1, loop | 110000 | 10000 | 10001 | 1111 1111 1111 1110 | = | C211FFFE |
| **0x00000038** | halt | 111111 | 00000 | 00000 | 0000 0000 0000 0000 | = | FC000000 |