```
Circuit: s27_input.txt Input Vector: 1101101
-----Fault Detected-----
1 stuck at 0
3 stuck at 1
5 stuck at 0
7 stuck at 0
9 stuck at 1
11 stuck at 0
12 stuck at 0
13 stuck at 0
15 stuck at 1
-----End of Detection-----
Circuit: s27_input.txt Input Vector: 0101001
-----Fault Detected-----
16 stuck at 1
1 stuck at 1
19 stuck at 1
3 stuck at 1
20 stuck at 1
5 stuck at 0
7 stuck at 1
8 stuck at 1
9 stuck at 1
11 stuck at 0
12 stuck at 1
14 stuck at 0
15 stuck at 1
-----End of Detection-----
```