

START

```
graph TD; Start([START]) --> Process[ $G0 \leftarrow G0 \ll 1$ ]; Process --> Halt[HALT]; Halt --> Process;
```

The flowchart illustrates a loop that shifts the value in register G0 to the left by one bit. It begins at a 'START' terminal, proceeds to a process box containing the operation $G0 \leftarrow G0 \ll 1$, then to a 'HALT' terminal. A feedback loop arrow connects the 'HALT' terminal back to the entry point of the process box, indicating that the operation is repeated.

$G0 \leftarrow G0 \ll 1$

HALT