|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Current Input | | | | | |
| Current State | Digit | Sign | Command | SimpleCmd | EndCmd | Other |
| InitialState | ResetState  Error | ResetState  Error | ReadCmd  SetCommand | ReadSimpleCmd  SetCommand | ResetState  Error | ResetState  Error |
| ReadCmd | DigitState  addDigit | SignState  SetSign | ResetState  Error | ResetState  Error | ResetState  Error | ResetState  Error |
| ReadSimpleCmd | ResetState  Error | ResetState  Error | ResetState  Error | ResetState  Error | **ResetState**  **DoCommand** | ResetState  Error |
| SignState | DigitState  addDigit | ResetState  Error | ResetState  Error | ResetState  Error | ResetState  Error | ResetState  Error |
| DigitState | DigitState  addDigit | ResetState  Error | ResetState  Error | ResetState  Error | **ResetState**  **DoCommand** | ResetState  Error |
| ResetState | ResetState  Error | ResetState  Error | ReadCmd  SetCommand | ReadSimpleCmd  SetCommand | ResetState  Error | ResetState  Error |

State Transition Table