State Flow Chart

Shutdown Circuit: BAD

Standby
Open Precharge
Open AIR

Shutdown Circuit: GOOD

Precharge
Close Precharge
Open AIR
Measure TS voltage

**TS voltage meets target %
Correct timing**

Online
Open Precharge
Close AIR

Precharge is Too Slow Too Fast

Default
(State value not found in state machine)

Error
Open Precharge
Open AIR
Indicate Error