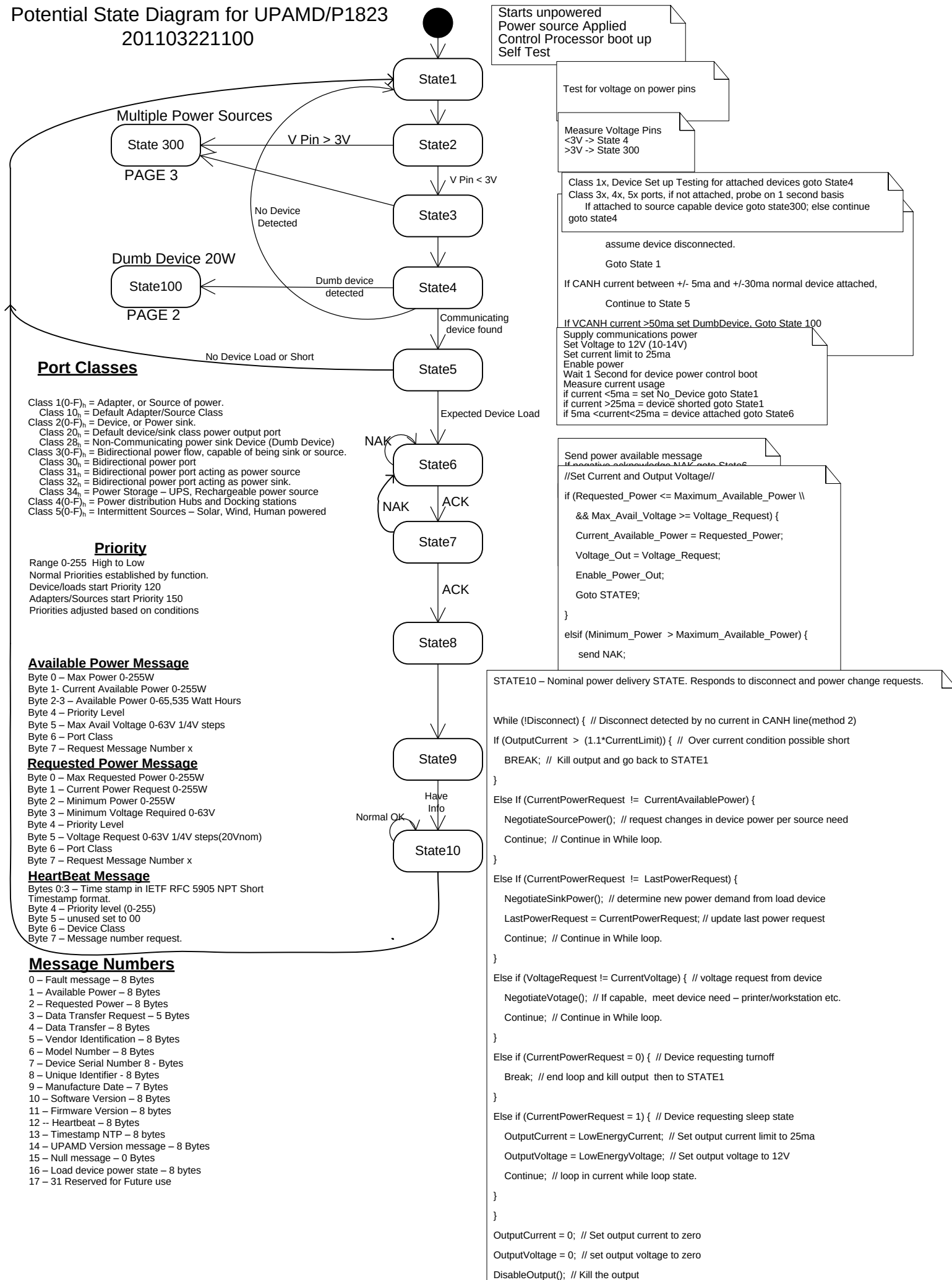


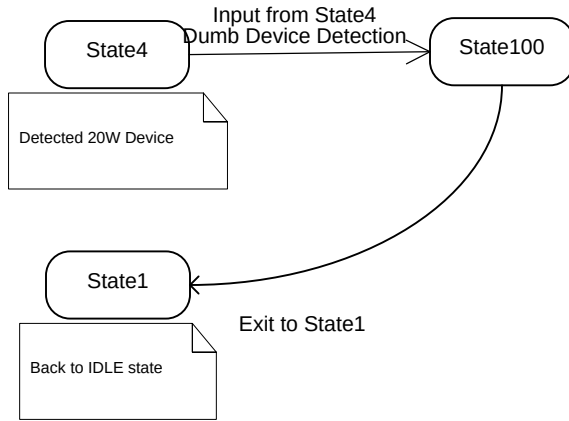
Potential State Diagram for UPAMD/P1823 201103221100



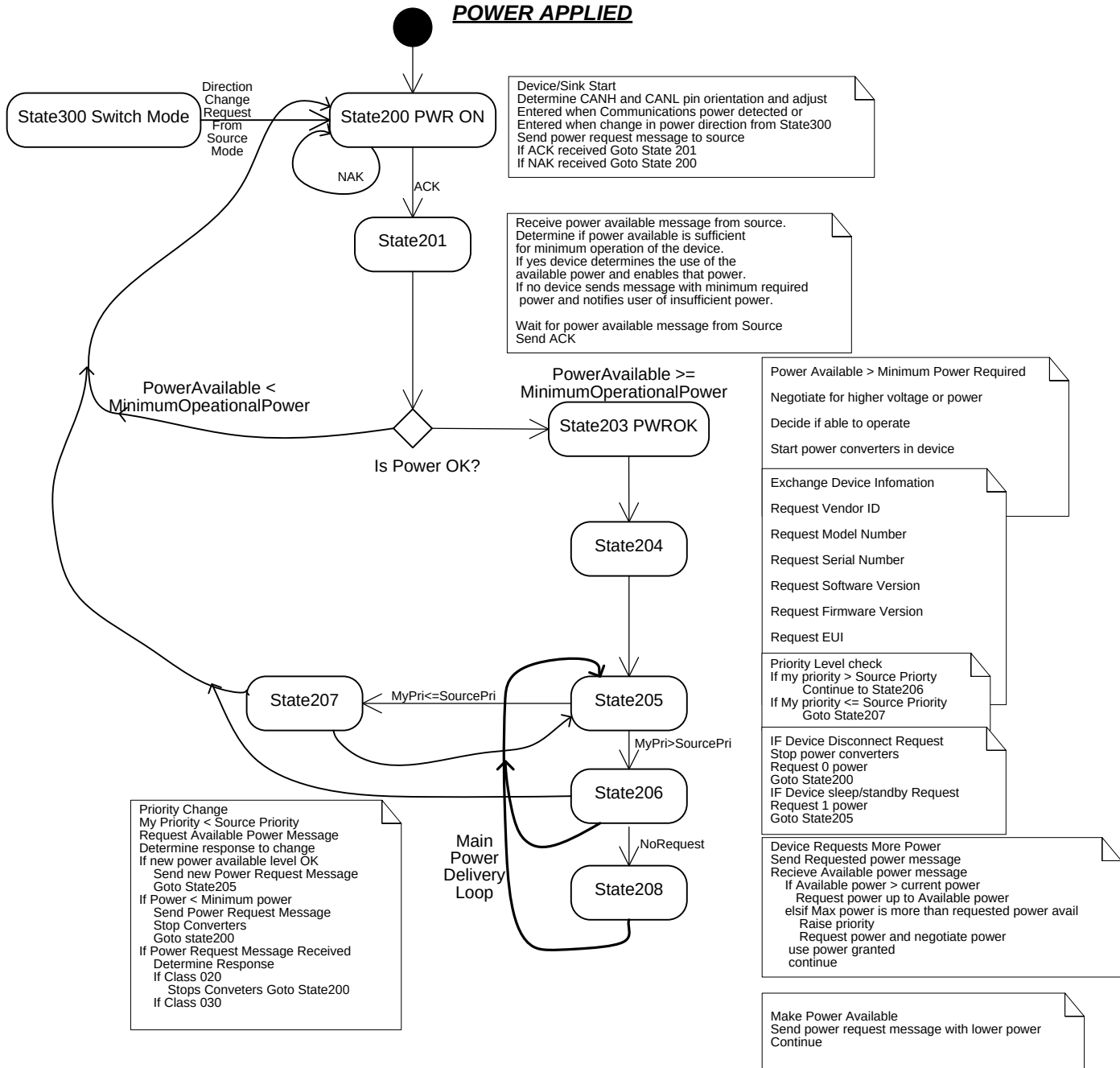
```

STATE100 – 20W mode power = 20V at 1A max.
OutputVoltage = LowPowerVoltage; // Set voltage to 20V
CurrentLimit = LowPowerCurrent; // Set current limit to 1A
EnableOutput(); // Turn on power
While (!Disconnect) { // Disconnect detected by no current in CANH line(method 2)
    If (OutputCurrent > (1.1*CurrentLimit)) { // Over current condition possible short
        BREAK; // Kill output and go back to STATE1
    }
}
OutputCurrent = 0; // Set output current to zero
OutputVoltage = 0; // set output voltage to zero
DisableOutput(); // Kill the output
Goto STATE1; // goto starting state.

```



POWER APPLIED



Bidirectional Power Determination

