GUI Screen Interface
Main Screen

Commonly used board level commands and utilities. These are (from left to right) Auto Populate Devices, Read register from all devices, Collapse tree view, create new board design, Open board design, Save board design, Linear format calculator, Clear i2c and PMBus faults, Multi Device Programmer, i2c scan address and bus speed, Inductor and capacitor ripple simulator, IC Designer Login, Firmware Update.

Device tree manager

Common system status, device part number, and telemetry.

Read input voltage, input current,

IC bias supply (typically 3.3V), output voltage, total output current, temperature, loop power on/off indicator.

USB connection status
Dongle hardware status
Dongle firmware version
Communication Voltage Level
I2C/PMBus speed
License expiration days left
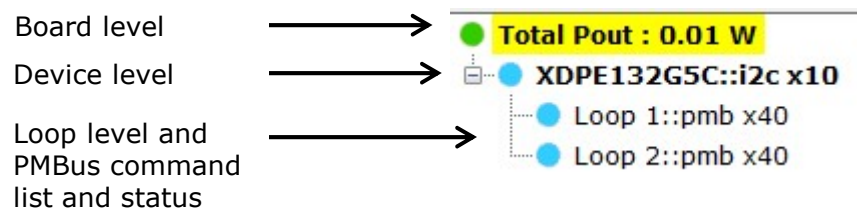PMBus Online/Offline Mode
GUI status/message

GUI Screen Interface
Device Manager

Device manager is a tree level tree view structure – board level, device level, and loop level. When you add a new device, it will be attached under the board level. Depending on the number of loops and PMBus capability, the loop level will be automatically created under the device.

The device manager tree can be automatically populated by clicking on the **Auto Populate Devices** button, when connecting for the first time.

Board level   ⟶   ● **Total Pout : 0.01 W**

Device level   ⟶   ● **XDPE132G5C::i2c x10**

Loop level and PMBus command list and status   ⟶   ● Loop 1::pmb x40 ● Loop 2::pmb x40

The colored dot in the device manager has different meaning.

Board Level:
- ● System faults or alarms
- ● No faults or alarms

Device Level:
- ● i2c bus good
- ● Device ID mismatch
- ● No i2c device detected at the address

Loop Level:
- ● PMBus good
- ● Device ID mismatch
- ● No PMBus device detected at the address