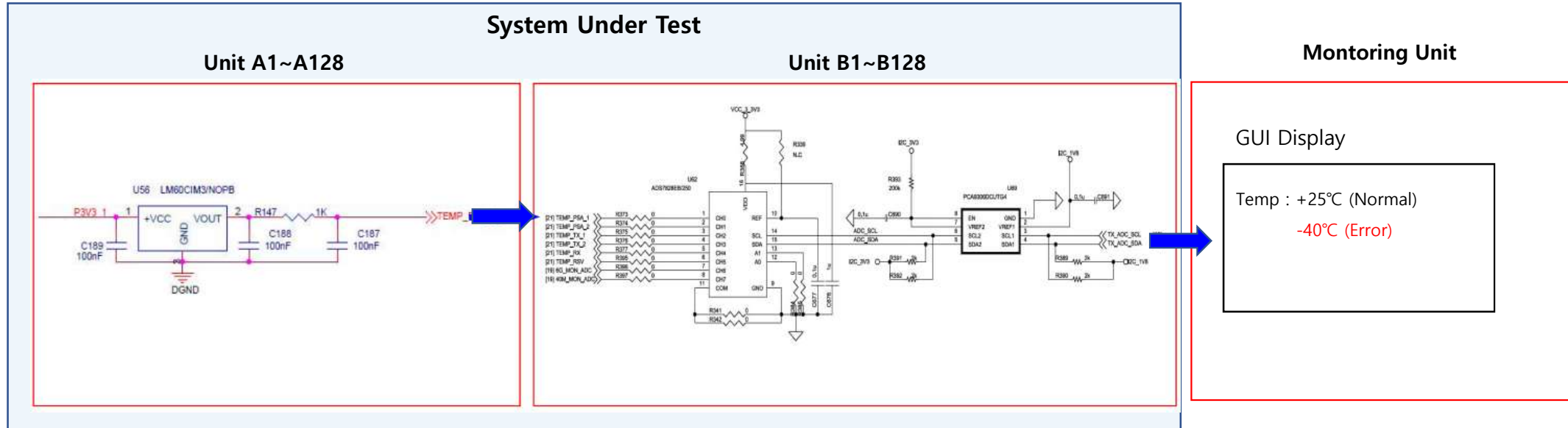


● Test setup diagram & Description



- The LM60CIM output of Unit A is connected to Channel 1 of the ADS7828 in Unit B for ADC conversion, and the temperature is displayed on the Monitoring Unit GUI.
- Under normal operation, the LM60CIM output of Unit A is 0.6 V at 25 °C, and after conversion by the ADC IC in Unit B, the GUI displays approximately +25 °C.
- At system startup(Power On), the GUI intermittently displays -40 °C, and this -40 °C indication persists until the system power is turned off.
- After system powering off and restarting the system, the GUI shows the normal value of +25 °C in most cases.
- The system is composed of 128 units, and out of 300 system startups, abnormal temperature indications randomly occurred in about 1 to 3 units on approximately 10 occasions.

※ Note : The LM60CIM Vcc(3.3V) is applied tens of milliseconds earlier than the ADS7828 Vdd(3.3V).