LCD Thermometer with Xpresso LPC1769

By Napat Traikityanukul 59090011

Brief

A thermometer is a device that measures temperature or a temperature gradient. A thermometer has two important elements: (1) a temperature sensor (e.g. the bulb of a mercury-in-glass thermometer or the digital sensor in an infrared thermometer) in which some change occurs with a change in temperature, and (2) some means of converting this change into a numerical value (e.g. the visible scale that is marked on a mercury-in-glass thermometer or the digital readout on an infrared model). Thermometers are widely used in industries

Propose

By doing this project to study more about the Xpresso board that can be apply it to use in real life. I hope this will going to be useful.

Requirement

- 1x Xpresso board

- 1x Breadboard

- 1x 16x2 LCD display

- 1x MCP9700A

- Jumpers - to connect everything

Diagram