For the Phytec Phycore-MPC555 to work as a standalone SBC without a development board, we do a quick prototyping daughter board from a PCB. Figure 1 and 2 show the current daughter board that we have. The circuit diagram is attached in this document as well.

Figure 1 Prototype daughter board to house the Phycore-MPC555
In the current stage, we are able to power up the Phycore-MPC555 with the daughter board using the 5 volts and 3.3 volts that are required. Figure 3 shows the Phycore-MPC555 board mounted on the daughter board.
Figure 3 Phycore-MPC 555 mounted on the daughter board for testing
Block C (X1C)    Block D (X1D)

C & D row of Molex 80 pins connector

University of Minnesota
MPC 555 80 Pins Molex connector

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