

Plan for the Quantum computer demo

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1 Description for the demo

We have built a 4 qubit prototype *costing only £10* and uses a rechargeable battery. We use LEDs to show the qubits and there are buttons for user input, we have also written some quantum algorithms which you can run and see what happens to the qubits as it runs. We would like to build a 16 qubit version, however we require more funds to pursue this.

2 Part list

We would expect it to cost between £100 - £300 in total.

2.1 Components

2.2 PCB

2.3 Development board - reusable for other demos