CLAIMS

1. An apparatus, comprising:

a memory; and

a controller configured to:

receive power from a host, wherein the power received from the host depends on a distance between the host and the apparatus; and

provide the power and power availability information to the memory;

wherein the memory is configured to determine whether to adjust its operation based, at least in part, on the power availability information.

2. The apparatus of claim 1, wherein the controller is configured to determine the power availability information.

3. The apparatus of claim 1, wherein:

the memory includes a configuration register; and

the controller is configured to provide the power availability information to the memory through the configuration register.

4. A method for operating memory, comprising:

receiving, by a memory from a controller, power and power availability information, wherein the power received depends on a distance between a host and the controller; and

determining, by the memory, whether to adjust its operation based, at least in part, on the power availability information.

5. The method of claim 4, wherein the method includes, receiving, by the memory, the power availability information through a number of interface signals.

6. A system, comprising;

a host; and

a memory device having a controller and a memory, wherein:

the controller is configured to:

receive power from the host, wherein the power received from the host depends on a distance between the host and the memory device; and

provide the power and power availability information to the memory; and

the memory is configured to determine whether to adjust its operation based, at least in part, on the power availability information.

7. The system of claim 6, wherein the memory device is a wireless memory tag.