

circuit for charging batteries in cordless Mouse from USB Port

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Hello All,

does anyone knows what would be a proper circuit to charge a pair of Ni MH batteries (2.4 v) from USB in Cordless Mouse? I opened mine and found resistor and a diode in series. Such circuit may offer some protection (from overcurrent and voltage excess to USB) but I do not see how it satisfies requirements prescribed for Ni MH battery. My mouse is of cheap variety "made in China" and folks there do not always follow proper design practices. Looked up Motorola reference design for cordless mouse – they do not discuss power arrangements at all there.

I would appreciate any wisdom on the subject.

Andrey