

## NiCd battery charger berbasis MAX713 dengan pengontrolan mikrokontroler aTmega128 = NiCD battery charger have a base MAX/13 with act of controlling microcontroller ATmega128

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### Abstrak

Telah dikembangkan suatu sistem berbasis mikrokontroler ATmega128 untuk pengontrolan charging battery NiCd menggunakan MAX713. Pengisian (charging) battery NiCd menggunakan MAX713 yang dikontrol oleh ATmega128 memakai indikator pengontrolan arus dan tegangan dimana waktu pengisian (charging) dimonitor melalui LCD dan komputer sebagai pembanding untuk pengontrolan pengisian (charging) dengan tepat. Dengan demikian pengisian (charging) bisa lebih presisi dan mencegah kerusakan dan memperpanjang umur battery NiCD.

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<b>Abstract</b><br>

Already bloom on a certain system have as a base microcontroller ATmega128 to act of controlling charging battery of NiCd used menggunakan MAX713. Charging battery of NiCd use MAX713 that controlled by ATmega128 make indicator from act of controlling current and voltage which charging time monitored pass through LCD and computer as standard of comparison to act of controlling charging exactly. Likewise charging be able more precision and prevent of damage and lengthen of age battery of NiCd.