

ICS1700

Data Sheet

QuickSaver™ Controller For Nickel-Cadmium Batteries

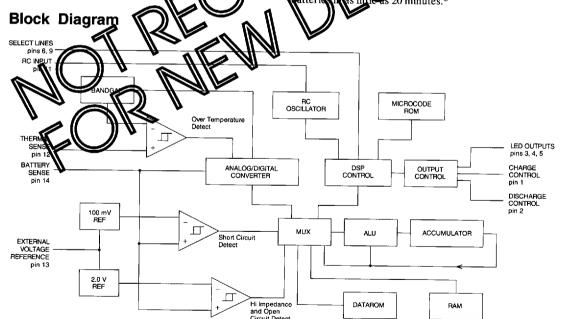
Features

- A ReFLEX® charging system (1)
- · Capable of full charge in 20 minutes*
- · Pulsed maintenance mode charge keeps batteries primed at peak capacity
- Employs sophisticated multiple charge termination methods - as recommended by battery producers
- · Reduces internal cell heating
- · Reduces internal cell pressure
- · LED drivers for charge status, over temperature and some fault conditions
- · Multiple charge rate capability
- Microprocessor-based with internal ROM
- Internal safety timer protects against damaging overcharge

Applications

- · AC or DC powered NiCd Battery Chargers
- Notebook and laptop personal computers
- · Portable communications equipment
- Portable video and audio equipmen
- Portable point-of-sale equipme
- · Portable power tools

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Pin numbers shown are for DIP package.

^{*} A 20 minute charge assumes a charging rate of 4C. NOT ALL BATTERIES ARE CAPABLE OF ACCEPTING A 4C CHARGE RATE.

(1) ReFLEX® is the registered trademark of Christie Electric Corporation. REV2/25/93