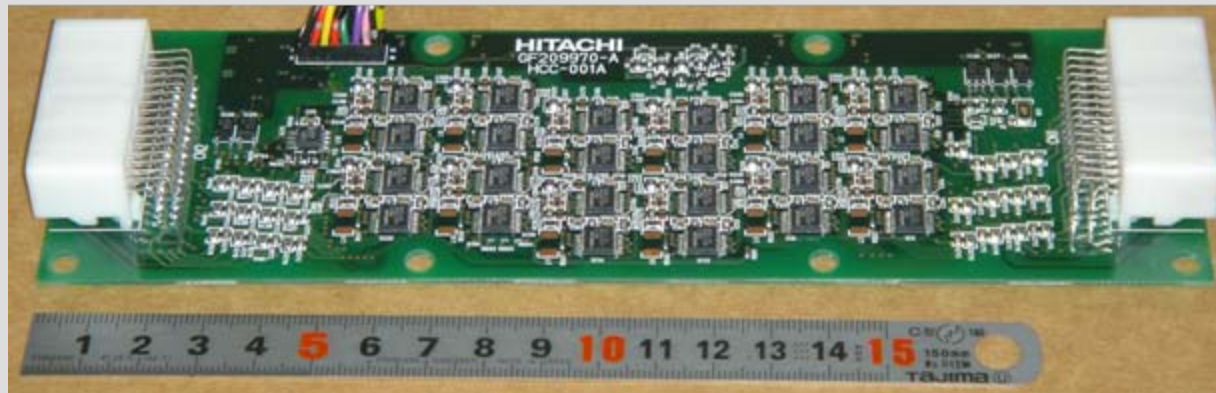
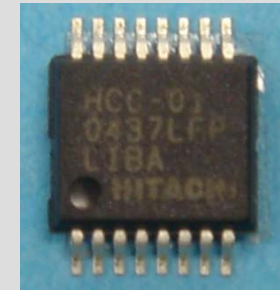


2005/6/9 Release

## Development of dedicated controller IC to reduce the size of the Li-ion secondary battery control unit to one-tenth conventional size



Developed battery control unit



Developed  
dedicated controller IC

Hitachi, Ltd. and Hitachi Vehicle Energy, Ltd., have co-developed a dedicated controller IC for battery control units used in Li-ion secondary batteries. The dedicated controller IC reduces the size of the battery control unit to one-tenth conventional size, achieving a compact Li-ion secondary battery desired by fuel cell-powered electric vehicles (FCEV) and hybrid electric vehicles (HEV). Sample shipments are planned from June 2005.

A part of this work is supported by NEDO (New Energy and Industrial Technology Development Organization).