DIGITALLY ADDRESSABLE LIGHTING INTERFACE (DALI)

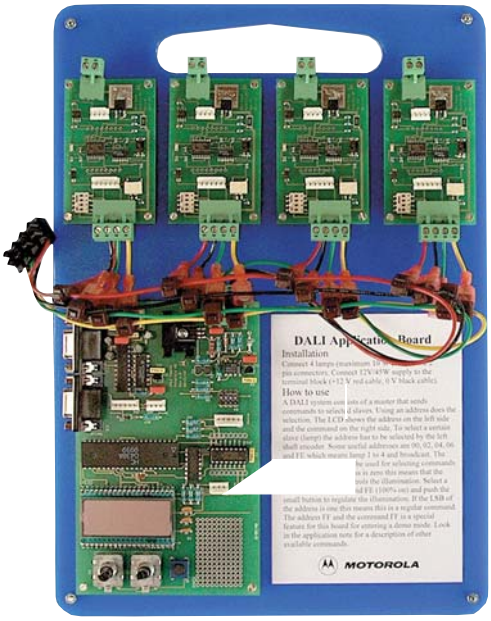
- Energy conservation
- Intelligent building automation
- Master and node control

DIGITAL ADDRESSABLE LIGHTING INTERFACE (DALI) FOR LIGHTING NETWORKS

The drive for energy conservation and intelligent building automation has led to the development of the DALI standard for control of lighting networks, especially those involving Fluorescent Ballasts. Backed by the major lighting manufacturers in the world, the DALI interface allows for low cost control of large networks.

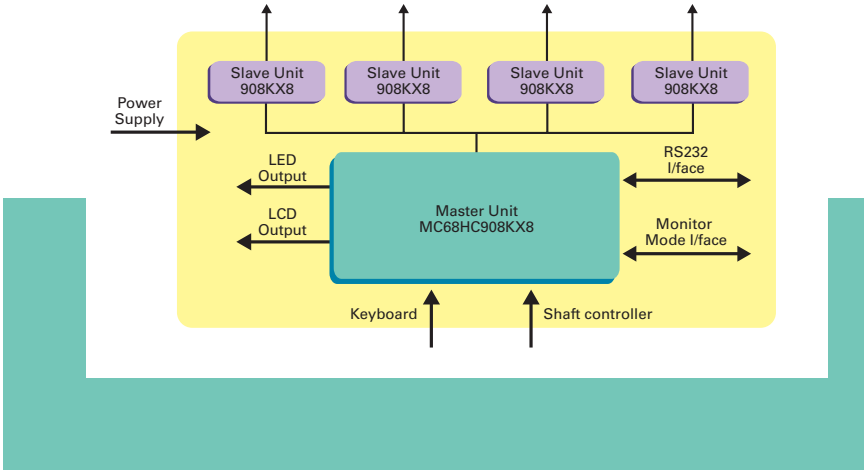
Based around Motorola's ultra small but ultra integrated MC68HC908KX8 embedded FLASH MCU, the 2-chip DALI reference design is targeted for both master and node control, delivering:

- DALI communication
- Software-API for DALI communication
- Using internal FLASH memory for flexible light values storage
- Demo software for building up a simple DALI network
- Connection for any 12V lamp with a power consumption equal or less than 10W or use the control wires to control any self-powered DALI compliant nodes
- LCD display for status condition and board configuration
- Monitor mode interface for on-board FLASH programming and monitor mode debugging
- RS232 interface
- On-board voltage regulator
- Board can be used as master or slave



Designed Grump R&D HB, info@grampp.se.

For more information on how microcontrollers can enhance your communication capabilities, visit our website,



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