

FE2200 PC BUS MONOCHROME DISPLAY CONTROLLER INTEGRATED CIRCUIT

- **100% PC BUS Hardware and Software Compatible**
 - **Uses a Crystal or a TTL Signal for Frequency Source**
 - **Incorporates Complete Attribute Decoding**
 - **Provides I/O Channel Synchronization**
 - **HCMOS**
 - **68 pin J-type leaded surface mount PLCC**
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Product Overview

The Faraday Monochrome Display Controller (FE2200) is a single chip with various control logic designed to build a PC BUS compatible monochrome display adapter. The chip is packaged in a 68 pin J-type leaded surface mount and uses HCMOS technology. The chip carrier socket for this plastic chip carrier is available from Burndy (Part #QILE68P-408).

The FE2200 has been designed for OEMs who would like to reduce cost, lower power requirements, increase reliability, and reduce board size over that of a functionally equivalent IBM PC or XT monochrome display adapter. The FE2200 replaces a total of 36 components.

The FE2200 is a 3.5 micron CMOS gate-array.

FE2200 Chip Replacement Chart

74LS273 (5)	74LS08 (4)
74LS138 (2)	74LS04 (3)
74LS174	74LS74 (2)
74S112	74LS02
74LS139	74LS00
74LS175 (3)	74S86
74LS157	74LS10
74LS125	74S74
74LS32 (2)	74LS11
74S393	74LS20
74S11	74S32

No. of chips replaced = 36