

Vacuum Fluorescent Display

Module Specification

Model: GU140X32F-7000

Specification No: DS-916-0001-00

Date Of Issue: April 11, 2002

Revision:

Published by
NORITAKE ITRON CORP./ Japan

This specification is subject to change without prior notice.

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1 General Description

1.1 Scope

This specification covers the operation and operating requirements of the vacuum fluorescent graphic display module GU140X32F-7000.

1.2 Construction

The module consists of a 140 x 32dot graphic BD-VFD, refresh RAM, character generator, DC/DC converter, display controller, and all necessary control logic. The module can simultaneously display graphic patterns and/or characters on the screen.

1.3 Outline

Power supply: + 5 Vcc only
 Parallel interface (CMOS)
 Interface: Serial interface (Asynchronous, Possible to input by RS-232 level)

Function: Character display, 5x7, Attribution
 Graphic display
 Control command
 Character download function
 Screen saver function

1.4 Block Diagram

