## mail

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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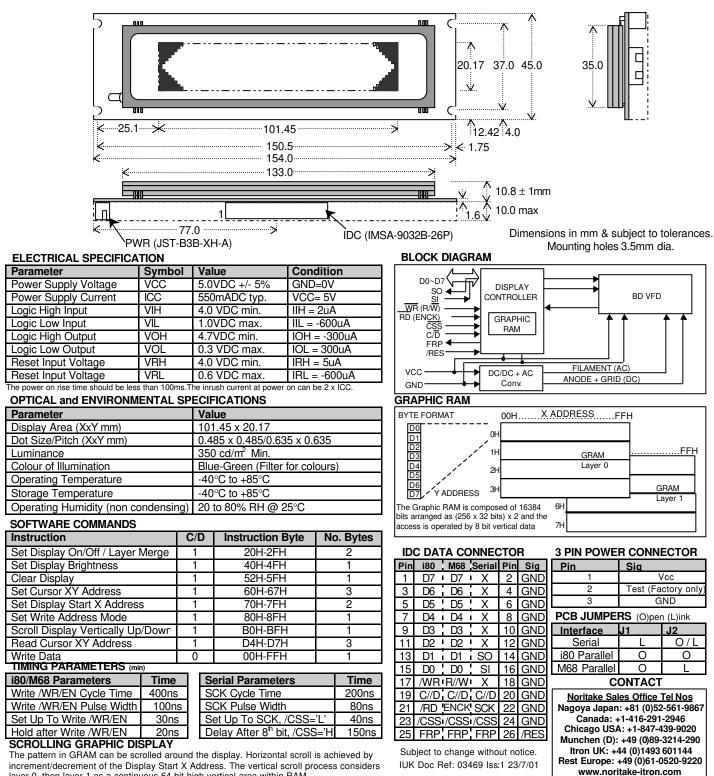
## **Dot Graphic VFD Module**

## GU160X32-800A

- 160 x 32 Dot Graphic
- Operating Temp -40° C to +85° C
- Single 5V Supply.

- High Brightness Blue Green Display
- Selectable Parallel (i80/M68)/Serial Interface
- **Twin Screen Graphic RAM** 
  - **16 Level Brightness Control Function**

The module includes the Vacuum Fluorescent Display glass, driver and control ASIC, with integral refresh Graphic RAM and logic for parallel and synchronous serial interfaces. The high speed 8 bit parallel interface is 5V CMOS compatible suitable for connection to a host CPU bus. Brightness control and power down functions are provided. A full data sheet is available.



layer 0, then layer 1 as a continuous 64 bit high vertical area within RAM

NORITAKE ITRON VFD MODULES

160 x 32 Dot Graphic