

## SVGA EDID EEPROM Extended Display ID Data

### General

Vendor: GECO Inc.

### Display Characteristics

Digital RGB Color

VESA Timing Standards

Progressive Scan

Refresh Rate: 72Hz

### Supported Video Standards

SVGA (800 x 600)

Aspect Ratio: 4:3



## VESA Compliant EDID Data Format

The GECO SVGA EDID EEPROM supports the following non-interlaced VESA video display standards: SVGA (800 x 600)



## Engineering Solutions for Critical Environments

GECO, Inc.

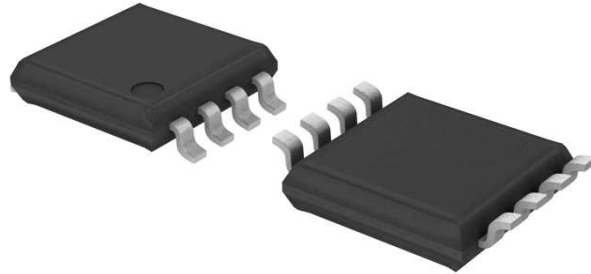
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### EDID EEPROM Key Characteristics

- ◆ **Operating Voltage: 2.5VDC—5.5VDC**
- ◆ **Electrical Interface: I2C**
- ◆ **Max Clock Frequency: 400KHz**
- ◆ **Package Type: 8 pin TSSOP, 4.4mm width**
- ◆ **Operating Temperature: -40C to +85C**
- ◆ **Memory Size: 2KBits (256 Bytes)**
- ◆ **Memory Base Address: 0x50 (HEX)**
- ◆ **Signal Pinouts:**
  - Pin 1: A0 (Address 0)**
  - Pin 2: A1 (Address 1)**
  - Pin 3: A2 (Address 2)**
  - Pin 4: Vss (Ground)**
  - Pin 5: SDA (Data)**
  - Pin 6: SCL (Clock)**
  - Pin 7: WP (Write Protect)**
  - Pin 8: VCC (Power)**



### EDID Monitor Limits:

Vertical Refresh Rate: 70Hz –74Hz  
Horizontal Scan Rate: 46Khz—50Khz  
Max Pixel Clock Rate: 50MHz

GECO can provide off-the-shelf units pre-programmed to your specific requirements, or we can provide the development tools required for you to implement your own unique requirements.

For more information on how GECO can work with you to meet your product or system needs, or offer design services to complement your own staff, please contact us.

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