OLED DISPLAY SOLUTIONS

Pictiva™
OLED Display
Reference Design

OE128064P000M00A01

The Reference Design Kit serves as a design model to easily evaluate and integrate OSRAM Pictiva™ OLED displays. The kit operates on a standard desktop or laptop PC and includes both hardware and software solutions to speed up the design process. It supports multiple OSRAM Pictiva™ OLED formats and offers an RS-232 interface for pattern upload.

Features:

- Functional system integration tool
- Model for product designers
- Supports both still images and video
- User programmable from PC

Contents of Reference Design Kit:

- **OLED**	OSRAM Pictiva™(128x64 pixels) OLED display
- **Hardware**	Reference Design controller board
- **CD-ROMs**	Keil uVision2 evaluation version compiler and Reference Design software
- **Cable**	RS-232 cable
- **Power Supply**	Power adaptor for battery charger

Contents of Reference Design CD ROM:

- **Data Sheets**   OSRAM Pictiva™ OLED driver SSD0323
- **Software**   Graphic user interface application for Windows
                           Graphics generation source code for firmware
- **Hardware Files**   Schematics, Gerber Files, Bill of Materials
- **User's Manual**
- **Application notes**   1. Hardware reference manual: Reference Design
                           2. Software reference manual: text and graphics generation
                           3. Bitmap file format and manipulation
                           4. Communication protocol
                           5. OLED driver basic register setup
                           6. OLED display module handling and care
                           7. Effective use of Pictiva™ OLED displays: power, image, and lifetime optimization

Minimum System Requirements:

- **Software**   Windows 98/NT4.0/2000/ME or XP
- **Display**   SVGA (800x600) resolution with 256 colors
- **Computer**   PC with a 120MHz Pentium® or compatible CPU
- **Memory**   64MB of RAM system memory
- **Hard Disk**   13MB of available hard drive space
- **CD-ROM Drive** 4x RW, ISO9660 disk format compatible
- **RS-232 Port**   RS-232 interface port

Ordering Information:

OSRAM Part Numbers
OE128064P000M00A01   Reference Design   Q65110A3892   Price: US$199 (NAFTA & APAC)
                                                               €149 (Europe)