

New 20.1-inch Display Provides 1400:1 Contrast Ratio, Includes LED Driver

Perfect for tough and high-end industrial applications; backed by Sharp warranty and support

CAMAS, Wash. – December 2, 2014 – Today, Sharp Microelectronics of the Americas (SMA) announced availability of its new 20.1-inch (diagonal) LCD. The panel, part number LQ201U1LW32, offers extremely crisp images via a 1400:1 contrast ratio (typical), making it perfect for viewing high levels of detail in most any ambient lighting situation. It also provides a drop-in replacement option in its size class for customers including manufacturers of Medical, Marine, and Transportation products, among others.

This Normally Black UXGA (1600 × 1200 pixels) LCD features an LVDS interface and a built-in LED backlight driver, which makes it easier to integrate into finished products. Its excellent viewability is enhanced via a wide 170°(H) / 170°(V) viewing angle.

Industrial Strength LCDs...Backed By Sharp

Sharp offers a full line of Industrial Strength LCDs for Industrial Applications (IA), including Advertising, ATM, Automotive, Climate Control, Factory Automation, Gaming/Lottery, Fitness/Sports, Home Automation, In-Flight Entertainment, Industrial Controls, Kiosks, Medical Devices, Multimedia, Point of Sale (POS) Terminals, Transportation, Test and Measurement, Wearable Technology, White Goods, and many others. Contact your Sharp Representative or Distributor to learn more about these rugged, high-performance LCDs, with offerings ranging from 1.5-inch – 23.5-inch diagonal.

Customers benefit from full-service support from U.S.-based field sales and applications engineering teams. Sharp IA panels are backed by long product life cycles, and supported with extensive documentation, including Specifications, Incoming Inspection Standards, Reliability Data, and a UL Parts List. Our Resources page at www.SharpLEDLCD.com also features technical papers, instructional videos, and other assets to aid in the design process.

Availability and Pricing

Product samples and pricing may be obtained through any Sharp Representative or Distributor. Sharp displays are RoHS* compliant, upholding the company's commitment to reducing the environmental impact of manufacturing. One-piece sample pricing for the following, select Sharp LCDs is as follows:

Size (Diagonal)	Part Number	Type	Sample Pricing
20.1-inch	LQ201U1LW32	UXGA	\$795

About Sharp Microelectronics of the Americas

Sharp Microelectronics of the Americas (SMA) drives innovative LCD, optoelectronics, imager, and RF components to market. The world's leading manufacturers of consumer and business technologies look to SMA for the products, expertise, and worldwide support they need to make their visions a reality. SMA, in Camas, Washington, is the microelectronics sales and marketing division of Sharp Electronics Corporation, a wholly owned subsidiary of Sharp Corporation. For more information, visit us at www.SHARPsma.com.

* The Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive (2002/95/EC). This directive took effect July 1, 2006. All measurements are diagonal. All Specification values quoted are Typical values. IGZO: (InGaZnO), an oxide comprising indium (In), gallium (Ga), and zinc (Zn). LED: Light Emitting Diode. OLED: Organic Light-Emitting Diode. CCFL: Cold Cathode Fluorescent Lamp. LCD: Liquid Crystal Display. OEM: Original Equipment Manufacturer. Sharp is a registered trademark of Sharp Corporation.

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