

High Speed Graphics Controller USB 2.0 3.3V Tray 225-Pin LFBGA

Manufacturers	<u>Microchip Technology, Inc</u>
Package/Case	LFBGA-225
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for UFX6000-VE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ViewSpan is a USB 2.0 graphics solution that utilizes 480 Mbps Hi-Speed USB technology as a display interface. Capable of interfacing with VGA, DVI and HDMI-enabled displays without glue logic, ViewSpan brings USB's versatility, expandability and plug-and-play simplicity to the way consumers interact with their PC monitors and TVs. ViewSpan offers a system solution consisting of a USB graphics controller (UFX6000) and enabling host software. Powered by innovative content-aware, bandwidth-efficient and resolution-optimized video processing algorithms, ViewSpan seamlessly delivers smooth HD video, vivid static images and clear text to virtually any consumer or commercial display, all from a USB cable. ViewSpan is capable of supporting full 1080p HD resolution over a USB Hi-Speed link. Microchip also offers the UFX7000 featuring ViewSpan5G™ technology as a SuperSpeed USB 3.0 option.

Additionally, Microchip's complimentary and confidential USBCheck™ online design review service is available for customers who select the UFX6000 for their application design-in.*

*The USBCheck online design review service is subject to Microchip's Program Terms and Conditions and requires a myMicrochip account..

Features

Highlights

Single-chip Hi-Speed USB 2.0 graphics controller

USB 2.0 device controller with integrated USB 2.0 PHY

Highly-efficient USB graphics engine supports multiple displays on a host

HDMI/DVI display connectivity via integrated HDMI/DVI controller/PHY

VGA display connectivity via integrated video DAC

Support for external display interface controllers via digital RGB interface

High-performance DDR2 SDRAM controller with integrated DDR2 PHY

Capable of USB self-powered or bus-powered operation

Automatic scaling to native resolution of connected displays

Supports mirror or extended mode via standard OS display control panel

Supports Microsoft's Windows® 7, Windows Vista® and Windows XP OS's

Fully-compliant with XDDM and WDDM display driver models

Optional EEPROM, I2C and TAP controllers

Commercial temperature range (0° to 70°C)

Optional industrial temperature range (-40° to 85°C) qualified SKUs available

225-ball LFBGA, RoHS-compliant package

Target Applications

Multi-monitor Displays

USB-to-Video Adapters

USB Docking Stations

USB Port Replicators

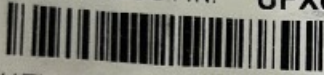
USB Zero/Thin Clients

USB Monitors/Projectors

PC-to-TV Adapters

Embedded Systems

(1P) CATALOG P/N: **UFX6000-VE**



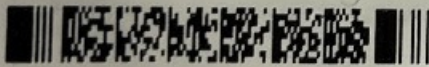
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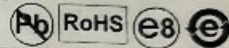
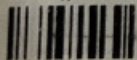
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MPC: **XA4011HHXAEC**



ID#:() TRACE CODE: 2109DD1,21039G6



MSL: 3/260C
PKG: LFBGA
LEAD: 225

(Q) QTY
1600



D/C	QTY
2109	1600

SEAL DATE : 05/22/21
WAFER QTY: -
WAFER REV: -
RECERT D/C: -
WAFER LOT: **QC551**



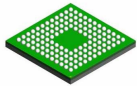
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 **ATTENTION**
OBSERVE PRECAUTIONS
FOR HANDLING



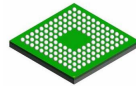
Related Products

[UFX7000-VE-TR](#)



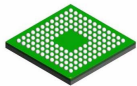
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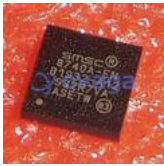


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