

AMULET TECHNOLOGIES Graphical Display Solutions



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Amulet Technologies offers graphical display solutions that include chips and LCD modules. All feature the solutions patented Amulet Graphical Operating System (OS). All offer easy hardware integration path from prototype to production. The chips include a dedicated GUI microprocessor, LCD controller, and graphical library. The GUI is visually created with HTML based development tools for rapidly creating good looking and feature-rich graphical user interfaces (GUIs). Amulet's expertise is graphical LCD integration and control.

Displays

Amulet Technologies

AMULET TECHNOLOGIES GRAPHICAL OS LCD STARTER KIT - The fastest path for integrating a graphical user interface (GUI) into embedded products.

STK-480272C Kit Contains:

- 4.3" 480 x 272 TFT Color Module
- White LED Backlight w/ PWM Control
- Integrated Touch Panel w/ Controller Board
- Downloadable Compiler Software
- Includes 30 Day Trial of GEM Studio GUI Development Suite (HTML Editor)
- Stylus Pen

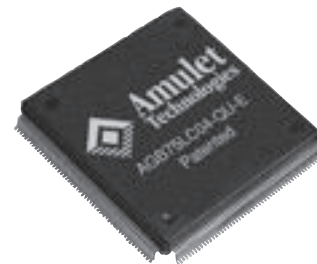


Use this starter kit to evaluate the GRAPHICAL OS hardware and software, and to create the user-interface for your end product. Then use the module kit, and Graphical OS controller chip to go from prototype-to-production.

MOUSER STOCK NO.	Description	Price Each	
		1	5
671-STK-480272C	Starter Kit with AGB75LC04-QU-E module and 5VDC power supply	299.00	

AMULET TECHNOLOGIES GRAPHICAL OS CONTROLLER CHIPS

Combination LCD Controller and user-interface engine makes it easy to integrate LCD's into embedded products that use 8/16/32-bit micros and DSP's. Replaces traditional LCD controller chip. Eliminates need for complex code to draw each pixel on LCD. Chips render graphical user interface (GUI) pages containing graphic images, widgets, and other UI objects directly to LCD. Works with monochrome, and color displays. Rapidly create GUI using HTML-based development platform. Development software can be purchased separately or comes bundled with the Graphical OS Starter Kit (left).

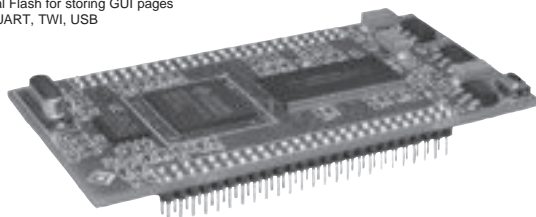


MOUSER STOCK NO.	Description	Price Each	
		1	5
671-AGB75LC04-QU-E	LCD Controller Chip - Color 208 PQFP	19.90	19.90
671-AGB64LV01-QC-E	LCD Controller Chip - Monochrome	17.62	17.62

AMULET TECHNOLOGIES UNIVERSAL TFT/OLED DRIVER PCBA

Features:

- Amulet AGB75LC04-BG-E 225-ball LFBGA Graphical OS Chip™
- Integrated resistive 4 or 5 wire touch panel decoder
- Small and compact 1.5" x 3.0", fits within the outline of a 3.5" TFT.
- Storage Capacity - Serial Flash for storing GUI pages
- Serial Interfaces - 3.3v UART, TWI, USB



MOUSER STOCK NO.	Description	Price Each	
		1	5
671-GCC-1	GEMexpress for TFT/OLED Displays	110.00	107.00
671-GCC-2	GEMexpress TFT/OLED Display Driver Board	120.00	117.00

AMULET TECHNOLOGIES GEMBOARD DISPLAY DRIVER BOARD

GEMboard can support a wide variety and growing list of 5.7" TFT panels. This board includes those unique electro-mechanical features to accommodate the FPC, touch panel and LED backlight for many popular 5.7" displays. The GEMboard also includes the Amulet Graphical Chip, a 32 megabit serial flash for storing GUI pages, a 64 megabit SDRAM, two touch panel connectors as well as two LED backlight connectors to accommodate a variety of 5.7" displays.



Features:

- Amulet AGB75LC04-QU-E 208 PQFP Graphical OS Chip™
- Integrated resistive 4 or 5 wire touch panel; decoder with two touch panel connectors
- Supports LCDs with LED backlight 75mA or 200mA and two backlight connectors locate on backside of PCBA
- Storage Capacity-32megabit Serial Flash (GUI page storage)
- 64megabit SDRAM (frame buffer)
- Serial Interfaces-3.3v UART, USB, RS232
- Kit includes 33 pin conductor flat panel cable
- Auxiliary FPC pad can support a variety of larger panels that use 31 pin conductors.

MOUSER STOCK NO.	Description	Price Each
671-CBC-2	Display Driver Board	189.00

AMULET TECHNOLOGIES GRAPHICAL OS LCD MODULE KITS - The most complete LCD solution for production.

Kit Contains:

- Fully Integrated Analog Touch Panel
- LCD Controller Board with Graphical OS Controller Chip

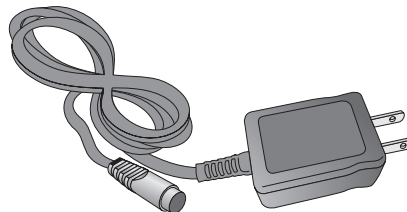
*NOTE: If purchasing an above unit for evaluation, you will also need to purchase a Program Interface Board (PIB-1). These modules require a 5V power supply (SAD105-SF5C) if you do not already have a 5V power supply.



671-MK-480272C Shown

MOUSER STOCK NO.	Description	Price Each	
		1	5
Color Kits			
671-MK-480272C	4.3" 480x272 TFT Color Module Kit	219.00	216.00
Monochrome Kits			
671-MK-GT380N	3.8" STN Transmissive w/bright-white backlight	196.42	194.77
671-MK-GT380T	3.8" FSTN Transflective Display w/bright-white backlight	196.42	194.77
* 671-MK-AOB3202405T	5.7" Transflective Graphic Display	199.99	199.50
* 671-MK-AOB3202405B	5.7" Blue Transmissive Graphic Display	199.99	199.50
* 671-MK-AOB3202405N	5.7" Negative Transmissive Graphic Display	199.99	199.50

AMULET TECHNOLOGIES ACCESSORIES FOR LCD MODULES



671-SAD105SF5C Shown

MOUSER STOCK NO.	Description	Price Each
671-SAD105SF5C	5VDC Supply for Amulet Modules	12.00
671-UHT-CS1	Amulet Compiler Software	99.00