

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 (GUI's). Amulet's expertise is graphical LCD integration and control.



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



671-STK-480272C
Starter Kit Shown

STK-480272C Kit Contains:

- 4.3" 480 x 272 TFT Color Module
- White LED Backlight
- Integrated Touch Panel w/ Controller Board
- Downloadable Compiler Software Includes 45 Day Trial of Namu (HTML Editor)
- Graphical OS Development Software
- 5VDC Power Supply
- Serial Cable
- Stylus Pen

STK-AOB3202405 Kit Contains:

- 5.7" 1/4 VGA Monochrome Display
- White LED Backlight
- Fully Integrated Analog Touch Panel
- Amulet's Graphical OS Chip fully integrated on the back of the display
- Graphical OS Development Software
- 5VDC Power Supply
- Serial Cable
- Stylus Pen
- Programmable Interface Board

STK-GT380 Kit Contains:

- MKGT380B Display
- 3.8" 1/4 VGA STN Blue Monochrome Display
- Bright-white LED Backlight
- Fully Integrated Analog Touch Panel
- LCD Controller Board with Graphical OS Controller Chip
- Graphical OS Development Software & Compiler
- Serial Cable
- Stylus Pen

Use these starter kits to evaluate the GRAPHICAL OS hardware and software, and to create the user-interface for your end product. Then use the module kits, and Graphical OS controller chips to go from prototype-to-production (below).

MOUSER STOCK NO.	Description	Price Each	
		1	5
671-STK-480272C	Starter Kit with AGB75LC04-QU-E module and 5VDC power supply	299.00	
671-STK-AOB3202405	Starter Kit with MK-AOB3202405X module and 5VDC power supply	398.00	
671-STK-GT380	Starter Kit with MK-GT380X display and AC power adapter	328.00	



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



Kit Contains:

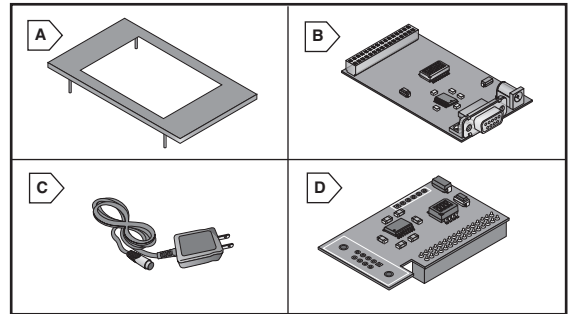
- Fully Integrated Analog Touch Panel
- LCD Controller Board with Graphical OS Controller Chip



671-MK-480272C
Shown

* 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.

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" FSTN Blue Display with bright-white backlight	194.77	193.12
671-MK-GT380T	3.8" FSTN Transflective Display w/bright-white backlight	194.77	193.12
* 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



ACCESSORIES FOR LCD MODULES

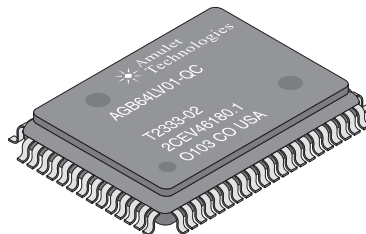
MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
671-BZ-AOB5	A	Bezel Kit for 671-MKAOB3202405X	24.95	
671-PIB-1	B	Program Interface Board for On-Board Modules	30.00	
671-SAD105SF5C	C	5VDC Supply for Amulet Modules	12.00	
671-AOBIBRS232	D	RS232 Interface Board for On-Board Modules	27.00	
671-UHT-CS1	-	Amulet Compiler Software	99.00	
671-7010001	-	Stylus Pen	6.00	



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 (right) or comes bundled with Graphical OS Starter Kits (above).



MOUSER STOCK NO.	Description	Price Each	
		1	5
671-AGB75LC04-QU-E	LCD Controller Chip - Color 208 PQFP	19.90	18.50
671-AGB64LV01-QC-E	LCD Controller Chip - Monochrome	21.00	20.50

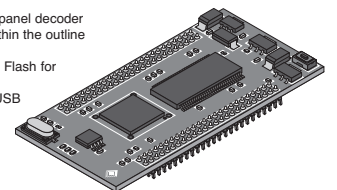


UNIVERSAL TFT/OLED DRIVER PCBA



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 - 32 megabit 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	110.40	107.00