

µC/GUI™ Embedded Graphical User Interface

Micrium provides drivers for the most popular display controllers. Additional drivers can be developed without NREs when µC/GUI is licensed.

LCD DRIVERS

Driver	LCD Controller	Supported
		bits/pixel
LCDColorOnMono	Passive color display connected to an LCD controller with linear memory operating in monochrome mode. Example: Cirrus Logic EP7312	12
LCDFujitsu	Fujitsu MB87J2020 (Jasmine) Fujitsu MB87J2120 (Lavender)	1, 2, 4, 8, 16
LCDLin	Any LCD-Controller with linear video memory in 1, 2, 4, 8 and 16 bits/pixel mode, built-in LCD controllers such as: Sharp 79531. Epson S1D13700 (direct interface) Solomon SSD1905 Fujitsu MB86276 (Lime) Fujitsu MB86290A (Cremson) Fujitsu MB86291 (Scarlet) Fujitsu MB86292 (Orchid) Fujitsu MB86293 (Coral Q) Fujitsu MB86294 (Coral B) Fujitsu MB86295 (Coral P) Fujitsu MB86296 (Coral PA) Toshiba Capricorn 2 Epson S1D13A03, S1D13A04, S1D13A05 Epson SED1352, S1D13502 Epson SED1353, S1D13503 Epson SED1354, S1D13504 Epson SED1356, S1D13506 Epson SED1374, S1D13704 Epson SED1375, S1D13705 Epson SED1376, S1D13706 Epson SED1386, S1D13806 Any display controller with linear video memory in 4, 8 or 16 bits/pixel mode (ARM or MIPS CPUs such as LH754xx, LH795x, LH7A40x, Motorola Dragonball or NEC VR4181A) which should be accessed only in 32 bit mode. Any display controller with linear video memory, which should be accessed in 8, 16 or 32 bit mode in dependence of the required operation.	1, 2, 4, 8, 16
LCDMem	No controller, writes into main memory Requires ISR or special hardware to refresh LCD (monochrome displays)	1, 2
LCDMemC	No controller, writes into main memory Requires ISR or special hardware to refresh LCD (color displays)	3, 6
LCDNoritake	Noritake display GU256X128C-3900	1
LCDPage1bpp	Samsung KS0713, S6B0713 Samsung KS0724, S6B0724	1

	UltraChip UC1601, UC1606 Samsung KS0108B, S6B0108B Hitachi HD61202 Philips PCF8810, PCF8811 Philips PCF8535 New Japan Radio Company NJU6679 Philips PCD8544 Epson S1D15710 Solomon SSD1303 OLED controller Samsung S6B0719 Sitronix ST7522 Solomon SSD1805 UltraChip UC1608 Epson S1D15721 Epson S1D15E05, S1D15E06 Epson SED1520 Epson SED1560 Epson SED1565, S1D10605 Novatek NT7502 Samsung S6B1713 Solomon SSD1815 Sitronix ST7565 Sunplus SPLC501C Epson SED1566 Epson SED1567 Epson SED1568 Epson SED1569 Epson SED1575, S1D15705	
LCDPage4bpp	Sitronix ST7528	4
LCDSLin	Epson SED1330 Epson SED1335 Epson S1D13700 (indirect interface) RAIO 8835 RAIO 8822/8803 Toshiba T6963	1
LCDVesa	Any VESA compatible hardware	8, 16
LCDXylon	FPGA based display controller from Xylon	8
LCD0323	Solomon SSD0323 OLED controller	4
LCD07X1	Solomon SSD1854 STMicroelectronics STE2010 Samsung KS0711, S6B0711 Samsung KS0741, S6B0741 Sitronix ST75412	
LCD1200	Toppoly C0C0 Toppoly C0E0	16
LCD13700	Epson S1D13700 UltraChip UC1617 Solomon SSD1848	2
LCD13701	Epson S1D13701 OLED controller	9, 12
LCD159A	Epson SED159A Sitronix ST7632	8
LCD1611	Epson S1D15E05 Epson S1D15719 UltraChip UC1611 UltraChip UC1610	4
LCD161620	NEC µPD161620	12
LCD1781	Solomon SSD1781 Solomon SSD1783	16
LCD501	Leadis LDSS01	8

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LCD6331	Samsung S6B33B0X, Samsung S6B33B1X, Samsung S6B33B2X	16
LCD6642X	Hitachi HD66420 Hitachi HD66421	2
LCD667XX	Sharp LR38825 Renesas R63401, R61509 Solomon SSD1289 Toshiba JBT6K71 Sharp LCY-A06003 Samsung S6D0129 MagnaChip D54E4PA7551 Himax HX8312 Ilitec ILI09320 Novatek NT39122 Hitachi HD66766, Samsung S6D0110A, Ilitec ILI9161 Hitachi HD66772, Samsung S6D0117, Sitronix ST7712, Himax HX8301 Ilitec ILI9220 Hitachi HD66789	16
LCD66750	Hitachi HD66750 Hitachi HD66753	2
LCD7529	Sitronix ST7529	5
LCD7920	Sitronix ST7920	1
LCD8822	Raio RA8822	2

For pricing, delivery, and ordering information, please contact Micrium at +1 954-217-2037, or visit Micrium's website at: www.micrium.com.

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