

MICROTIPS LCD Display Modules



RoHS Compliant This product is RoHS compliant.

DIGITAL COLOR TFT DISPLAYS

- Features:
 - 3.5" with TMR-Transmissive Micro Reflective
 - SPI Interface available
 - Up to 16.7 million colors

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Size (In.)	Touch Screen	Resolution	Dimensions WxH (mm)	Brightness (nits)	Contrast Ratio	Operating Temp. (°C)	Pixel Pitch	Price Each			
									1	5	10	50
668-MTF-TQ24NN731-LB	2.4"	No	240xRGBx320	42.72x60.26	210	250	-20 to 70°C	0.153 x 0.153	32.40	29.45	27.93	26.13
668-MTF-TQ28NN911-LB	2.8"	No	240xRGBx320	50.0x69.2	200	300	-20 to 70°C	0.18 x 0.18	45.60	41.45	39.31	36.77
668-MTF-TQ35SN721-AV	3.5"	No	240xRGBx320	76.9x 63.9	250	200	-20 to 70°C	0.073 x 0.219	58.80	53.45	50.69	47.42
668-MTF-TQ35SP741-AV	3.5"	Yes	240xRGBx320	76.9x 63.9	210	200	-20 to 70°C	0.073 x 0.219	67.20	61.09	57.93	54.19
668-MTF-TQ57SN721-AV	5.7"	No	240xRGBx320	144.0x104.6	500	300	-20 to 70°C	0.36 x 0.36	129.60	117.82	111.72	104.52
668-MTF-TV57NP721-AV	5.7"	Yes	240xRGBx320	144.0x104.6	400	300	-20 to 70°C	0.36 x 0.36	159.60	145.09	137.59	128.71
668-MTFT057ACSLN-LB	5.7"	No	240xRGBx320	144.0x104.6	220	300	-20 to 70°C	0.36 x 0.36	141.60	128.73	122.07	114.19
668-MTFT070ACSLP-LB	7.0"	Yes	800x480	165.0x104.0	180	400	-20 to 70°C	0.19 x 0.19	120.00	109.09	103.45	96.77

GRAPHIC MODULES - TOUCH SCREEN

Transflective LED Backlight

- 128x128 Dot Pixels (WxH)
- 6 O'Clock Viewing Direction

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Fluid Type	Back-ground Color	Backlight Type	Backlight Color	Module Size (mm) W x H x T	Viewing Area (mm) H x W	Dot Pitch H x W	Dot Size (mm) H x W	Price Each			
									1	5	10	50
668-NBS000255YSGY01	STN	Yellow	Edge LED	Yellow/Green	89.5x73.2x3.8	6.0x58.4	.43x.43	0.40x0.40	31.34	28.49	27.02	25.27

† Touch Screen Modules without an "on board" controller.

Graphic Modules-Transflective With Backlight

For quantities of 100 and up, call for quote.

122x32 Dot Pixels (WxH): LED Backlight												
668-NG-S12232BFYSAY	STN	Yellow	Array LED	Yellow/Green	84.0x44.0x15.0	6.5x18.5	.44x.49	0.42x0.47	11.74	10.67	10.12	9.47
668-NGS12232FYSGY10	STN	Yellow	Edge LED	Yellow/Green	59.0x29.3x5.5	52.0x15.0	.345x.345	0.03x0.03	11.76	10.69	10.14	9.48
128x64 Dot Pixels (WxH): LED Backlight												
668-NG-F12864AFYSAY	FSTN	Yellow	Array LED	Yellow/Green	93.0x7.0x14.5	71.7x39.0	.52x.52	0.50x0.50	29.72	27.02	25.62	23.97
668-NG-F12864FYSGY	STN	Yellow	Edge LED	Yellow/Green	75.0x52.7x9.0	6.0x32.5	.43x.43	0.40x0.40	18.16	16.51	15.66	14.65
160x160 Dot Pixels (WxH):												
668-NG-F160FWSEB	FSTN	White	EL	Blue	69.0x69.5x6.8	6.5x79.25	.35x.35	0.33x0.33	37.46	34.05	32.29	30.21
240x64 Dot Pixels (WxH): Array LED Backlight												
668-NG-S24064FFYSAY	STN	Yellow	Array LED	Yellow/Green	18.0x65.0x16.1	132.0x39.0	.53x.53	0.51 x 0.51	66.08	60.07	56.97	53.29
320x240 Dot Pixels (WxH): CCFL Backlight												
668-NG-F32240JFWSW	FSTN	White	CCFL	White	167.1x109.0x11.0	122.0x92.0	.36x.36	0.34x0.34	100.80	91.64	86.90	81.29

Graphic Modules - Negative Transmissive With Backlight

- 128x64 Dot Pixels (WxH)

For quantities of 100 and up, call for quote.

668-NG-S12864IMNSGW	STN	Negative	Edge LED	White	93.0x7.0x14.5	71.7x39.0	.52x.52	0.50x0.50	36.36	33.05	31.34	29.32
668-NG-S24064IMNSGW	STN	Negative	Edge LED	White	18.0x65.0x16.1	132.0x39.0	.53x.53	0.51x0.51	68.84	62.58	59.34	55.52

LCD CHARACTER DISPLAYS

- 6 O'Clock Viewing Direction
- STN Fluid Type

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Format	Background Color	Backlight Type	Backlight Color	Module Size (mm) W x H x D	Viewing Area (mm) H x W	Character Size (mm)	Dot Size (mm) H x W	Price Each			
									1	5	10	50
Reflective												
668-NC-S0802XRGN	8x2	Gray	None	None	58.0x 32.0 x 10.0	38.0x16.0	3.55x5.94	0.056x0.66	5.72	5.20	4.93	4.61
668-NC-S0802XRYS	8x2	Yellow	None	None	58.0x 32.0 x 10.0	38.0x16.0	3.55x5.94	0.056x0.66	5.72	5.20	4.93	4.61
668-NC-S16100XRGH	16x1	Gray	None	None	80.0x36.0x10.0	65.0x14.0	3.77x6.59	0.58x0.78	8.04	7.31	6.93	6.48
668-NC-S16100XRYH	16x1	Yellow	None	None	80.0x36.0x10.0	65.0x14.0	3.77x6.59	0.58x0.78	8.04	7.31	6.93	6.48
668-NC-S16101XRGH	16x1	Gray	None	None	122.0x33.0x10.5	99.0x13.0	4.84x8.06	0.92x1.10	13.20	12.00	11.38	10.65
668-NC-S16201XRGH	16x2	Gray	None	None	122.0x44.0x10.5	99.0x24.0	4.84x8.06	0.92x1.10	13.34	12.13	11.50	10.76
668-NC-S16204XRGH	16x2	Gray	None	None	84.0x44.0x10.0	62.2x17.9	2.95x5.55	0.55x0.65	9.32	8.47	8.03	7.52
668-NC-S16204XRYH	16x2	Yellow	None	None	84.0x44.0x10.0	62.2x17.9	2.95x5.55	0.55x0.65	9.32	8.47	8.03	7.52
668-NC-S16205DRGH	16x2	Gray	None	None	84.0x36.0x9.5	64.5x16.4	2.97x5.57	0.57x0.67	8.60	7.82	7.41	6.94
668-NC-S16400XRGH	16x4	Gray	None	None	87.0x60.0x9.5	61.8x25.2	2.95x4.75	0.55x0.55	16.94	15.40	14.60	13.66
668-NC-S20200XRGH	20x2	Gray	None	None	116.0x37.0x10.0	82.2x18.2	3.20x5.55	0.60x0.65	13.20	12.00	11.38	10.65
668-NC-S20200XRYH	20x2	Yellow	None	None	116.0x37.0x10.0	82.2x18.2	3.20x5.55	0.60x0.65	13.20	12.00	11.38	10.65
668-NC-S20400XRGH	20x4	Gray	None	None	98.5x60.0x10.5	76.0x25.2	2.95x4.75	0.55x0.55	18.36	16.69	15.83	14.81
668-NC-S24200XRGH	24x2	Gray	None	None	118.0x36.0x10.0	94.5x18.0	3.20x5.55	0.60x0.65	13.20	12.00	11.38	10.65
668-NC-S24200XRYH	24x2	Yellow	None	None	118.0x36.0x10.0	94.5x18.0	3.20x5.55	0.60x0.65	13.20	12.00	11.38	10.65
Transflective with LED Backlight												
668-NC-S0802XFGNSAY	8x2	Gray	Array LED	Yellow/Green	58.0x 32.0 x 10.0	38.0x16.0	3.55x5.94	0.056x0.66	7.16	6.51	6.17	5.77
668-NC-S0802XFYNSAY	8x2	Yellow	Array LED	Yellow/Green	58.0x 32.0 x 10.0	38.0x16.0	3.55x5.94	0.056x0.66	7.16	6.51	6.17	5.77
668-NC-S16100XFGSAY	16x1	Gray	Array LED	Yellow/Green	80.0x36.0x14.5	65.0x14.0	3.77x6.59	0.58x0.78	9.84	8.95	8.48	7.94
668-NC-S16100XFYSAY	16x1	Yellow	Array LED	Yellow/Green	80.0x36.0x14.5	65.0x14.0	3.77x6.59	0.58x0.78	9.84	8.95	8.48	7.94
668-NC-S16101XFYSAY	16x1	Yellow	Array LED	Yellow/Green	122.0x33.0x15.0	99.0x13.0	4.84x8.06	0.92x1.10	15.04	13.67	12.97	12.13
668-NC-S16201XFGSAY	16x2	Gray	Array LED	Yellow/Green	122.0x44.0x14.0	99.0x24.0	4.84x8.06	0.92x1.10	18.00	16.36	15.52	14.52
668-NC-S16201XFYSAY	16x2	Yellow	Array LED	Yellow/Green	122.0x44.0x14.0	99.0x24.0	4.84x8.06	0.92x1.10	18.00	16.36	15.52	14.52
668-NC-S16204XFGSAY	16x2	Gray	Array LED	Yellow/Green	84.0x44.0x14.2	62.2x17.9	2.95x5.55	0.55x0.65	11.72	10.65	10.10	9.45
668-NC-S16204XFYSAY	16x2	Yellow	Array LED	Yellow/Green	84.0x44.0x14.2	62.2x17.9	2.95x5.55	0.55x0.65	11.72	10.65	10.10	9.45
668-NC-S16205DFGSAY	16x2	Gray	Array LED	Yellow/Green	84.0x36.0x14.5	64.5x16.4	2.97x5.57	0.57x0.67	10.96	9.96	9.45	8.84
668-NC-S16205DFYSAY	16x2	Yellow	Array LED	Yellow/Green	84.0x36.0x14.5	64.5x16.4	2.97x5.57	0.57x0.67	10.96	9.96	9.45	8.84
668-NC-S16400XFYSAY	16x4	Yellow	Array LED	Yellow/Green	87.0x60.0x9.5	61.8x25.2	2.95x4.75	0.55x0.55	20.92	19.02	18.03	16.87
668-NC-S20200BFGSGW	20x2	Gray	Edge LED	White	116.0x37.0x14.5	82.2x18.2	3.20x5.55	0.60x0.65	17.02	15.47	14.67	13.73
668-NC-S20200XFGSAY	20x2	Gray	Array LED	Yellow/Green	116.0x37.0x14.5	82.2x18.2	3.20x5.55	0.60x0.65	17.00	15.45	14.66	13.71
668-NC-S20200XFYSAY	20x2	Yellow	Array LED	Yellow/Green	116.0x37.0x14.5	82.2x18.2	3.20x5.55	0.60x0.65	17.00	15.45	14.66	13.71
668-NC-S20400XFYSAY	20x4	Yellow	Array LED	Yellow/Green	98.5x60.0x14.5	76.0x25.2	2.95x4.75	0.55x0.55	22.56	20.51	19.45	18.19
668-NC-S24200XFGSAY	24x2	Gray	Array LED	Yellow/Green	118.0x36.0x14.5	94.5x18.0	3.20x5.55	0.60x0.65	20.16	18.33	17.38	16.26
668-NC-S40200XFYSAY	40x2	Yellow	Array LED	Yellow/Green	182.0x33.5x14.0	154.0x16.5	3.20x5.55	0.60x0.65	20.22	18.38	17.43	16.31
Negative Transmissive with LED Backlight												
668-NC-S16201XMNSAY	16x2	Neg.	Array LED	Yellow/Green	122.0x44.0x14.0	99.0x24.0	4.84x8.06	0.92x1.10	13.34	12.13	11.50	10.76
668-NC-S20200BFGSGW	20x2	Neg.	Edge LED	White	116.0x37.0x14.5	82.2x18.2	3.20x5.55	0.60x0.65	17.02	15.47	14.67	13.73

