

MICROTIPS LCD Display Modules

PROJECTIVE CAPACITIVE TOUCH TFT DISPLAYS

RoHS compliant **This product is RoHS compliant.**



- Transmissive
- 6 o'clock Viewing
- LED Backlight
- COG IC Package

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size (in.)	Resolution	Module Size (mm) W x H x T	LCD Mode	Interface	Opening Temp. (°C)	Price Each			
							1	5	10	50
668-UMSH-8253MD-3T	4.3"	480 x RGB x 272	105.5 x 67.2 x 5.45	TN	Parallel 24-bit RGB	-20 to +70°C	69.82	66.21	64.00	60.95
668-UMSH-8596MD-20T	7"	800 x RGB x 480	165.0 x 106.4 x 8.2	TN	Parallel 18-bit RGB	-20 to +70°C	160.61	153.52	149.14	133.85

VIVID LIQUID CRYSTAL DISPLAYS (VLCD)

- Low cost alternative to (VFD) Displays
- No Image Sticking
- High Contrast (800:1)
- Parallel Interface
- High Brightness



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MOUSER STOCK NO.	Display Format	Backlight (LED) Color	Display Mode	Module Size (mm) W x H x T	Viewing Area (mm)	Character Size (mm) W x H	Dot Size (mm) W x H	Price Each			
								1	5	10	50
668-UMSH-3267MD-UB	2 x 20	White	Transmissive	37.0 x 116.0 x 17.2	73.8 x 16.5	3.065 x 5.56	0.585 x 0.66	26.15	25.37	24.29	22.00
668-UMSH-3267MD-1UB	2 x 20	Red	Transmissive	37.0 x 116.0 x 17.2	73.8 x 16.5	3.065 x 5.56	0.585 x 0.66	26.15	25.37	24.29	22.35
668-UMSH-3267MD-2UB	2 x 20	Green	Transmissive	37.0 x 116.0 x 17.2	73.8 x 16.5	3.065 x 5.56	0.585 x 0.66	26.15	25.37	24.29	22.35
668-UMSH-3267MD-3UB	2 x 20	Blue	Transmissive	37.0 x 116.0 x 17.2	73.8 x 16.5	3.065 x 5.56	0.585 x 0.66	26.15	25.37	24.29	22.35

DIGITAL COLOR TFT DISPLAYS

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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size (in.)	Touch Screen	Resolution	Dimensions Wx H (mm)	Brightness (nits)	Contrast Ratio	Operating Temp. (°C)	Pixel Pitch	Price Each			
									1	5	10	50
668-MTF-T035SP741-AV	3.5"	Yes	240 x RGBx 320	76.9 x 63.9	210	200	-20 to 70°C	0.073 x 0.219	67.20	61.09	57.93	54.19
668-MTF-TV57NP721-AV	5.7"	Yes	640 x RGB x 480	144.0 x 104.6	400	300	-20 to 70°C	0.36 x 0.36	107.10	103.90	96.69	92.82

GRAPHIC MODULES - TOUCH SCREEN

Transflective LED Backlight

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

For quantities greater than listed, 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	89.5 x 73.2 x 3.8	6.0 x 58.4	.43 x .43	0.40 x 0.40	31.34	28.49	27.02	25.27

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

Graphic Modules-Transflective With Backlight

For quantities greater than listed, call for quote.

122x32 Dot Pixels (WxH): LED Backlight												
668-NGS12232FYSGY10	STN	Yellow	Edge LED	Yellow/Green	59.0 x 29.3 x 5.5	52.0 x 15.0	.345 x .345	0.03 x 0.03	11.76	10.69	10.14	9.48

Graphic Modules - Negative Transmissive With Backlight

- 128x64 Dot Pixels (WxH)

For quantities greater than listed, 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-NG-S12864MNSGW	STN	Negative	Edge LED	White	93.0 x 7.0 x 14.5	71.7 x 39.0	.52 x .52	0.50 x 0.50	27.97	27.13	25.25	24.24
668-NG-S24064MNSGW	STN	Negative	Edge LED	White	18.0 x 65.0 x 16.1	132.0 x 39.0	.53 x .53	0.51 x 0.51	52.95	51.37	47.81	45.89

LCD CHARACTER DISPLAYS

- 6 O'Clock Viewing Direction
- STN Fluid Type

For quantities greater than listed, 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-S0802XRGNN	8 x 2	Gray	None	None	58.0 x 32.0 x 10.0	38.0 x 16.0	3.55 x 5.94	0.056 x 0.66	5.72	5.20	4.93	4.61
668-NC-S0802XRYNS	8 x 2	Yellow	None	None	58.0 x 32.0 x 10.0	38.0 x 16.0	3.55 x 5.94	0.056 x 0.66	4.40	4.27	4.24	4.21
668-NC-S16101XRGHS	16 x 1	Gray	None	None	122.0 x 33.0 x 10.5	99.0 x 13.0	4.84 x 8.06	0.92 x 1.10	13.20	12.00	11.38	10.65
668-NC-S16201XRGHS	16 x 2	Gray	None	None	122.04 x 44.0 x 10.5	99.0 x 24.0	4.84 x 8.06	0.92 x 1.10	10.26	9.96	9.26	8.89
668-NC-S16204XRGHS	16 x 2	Gray	None	None	84.0 x 44.0 x 10.0	62.2 x 17.9	2.95 x 5.55	0.55 x 0.65	7.17	6.96	6.47	6.21
668-NC-S16204XRYHS	16 x 2	Yellow	None	None	84.0 x 44.0 x 10.0	62.2 x 17.9	2.95 x 5.55	0.55 x 0.65	9.32	8.47	8.03	7.52
668-NC-S16205DRGHS	16 x 2	Gray	None	None	84.0 x 36.0 x 9.5	64.5 x 16.4	2.97 x 5.57	0.57 x 0.67	6.62	6.42	5.97	5.73
668-NC-S20200XRGHS	20 x 2	Gray	None	None	116.0 x 37.0 x 10.0	82.2 x 18.2	3.20 x 5.55	0.60 x 0.65	10.15	9.85	9.17	8.80
668-NC-S20400XRGHS	20 x 4	Gray	None	None	98.5 x 60.0 x 10.5	76.0 x 25.2	2.95 x 4.75	0.55 x 0.55	17.08	15.52	14.72	13.77
668-NC-S24200XRYHS	24 x 2	Yellow	None	None	118.0 x 36.0 x 10.0	94.5 x 18.0	3.20 x 5.55	0.60 x 0.65	13.20	12.00	11.38	10.65
Transflective with LED Backlight												
668-NC-S0802XFGNSAY	8 x 2	Gray	Array LED	Yellow/Green	58.0 x 32.0 x 10.0	38.0 x 16.0	3.55 x 5.94	0.056 x 0.66	7.16	6.51	6.17	5.77
668-NC-S0802XFYNSAY	8 x 2	Yellow	Array LED	Yellow/Green	58.0 x 32.0 x 10.0	38.0 x 16.0	3.55 x 5.94	0.056 x 0.66	7.49	6.81	6.46	6.04
668-NC-S16100XFGSAY	16 x 1	Gray	Array LED	Yellow/Green	80.0 x 36.0 x 14.5	65.0 x 14.0	3.77 x 6.59	0.58 x 0.78	9.84	8.95	8.48	7.94
668-NC-S16100XFYSAY	16 x 1	Yellow	Array LED	Yellow/Green	80.0 x 36.0 x 14.5	65.0 x 14.0	3.77 x 6.59	0.58 x 0.78	9.84	8.95	8.48	7.94
668-NC-S16201XFYSAY	16 x 2	Yellow	Array LED	Yellow/Green	122.0 x 44.0 x 14.0	99.0 x 24.0	4.84 x 8.06	0.92 x 1.10	18.00	16.36	15.52	14.52
668-NC-S16205DFGSAY	16 x 2	Yellow	Array LED	Yellow/Green	84.0 x 44.0 x 14.2	62.2 x 17.9	2.95 x 5.55	0.55 x 0.65	11.72	10.65	10.10	9.45
668-NC-S16205DFYSAY	16 x 2	Gray	Array LED	Yellow/Green	84.0 x 36.0 x 14.5	64.5 x 16.4	2.97 x 5.57	0.57 x 0.67	10.96	9.96	9.45	8.84
668-NC-S16205DFYSAY	16 x 2	Yellow	Array LED	Yellow/Green	84.0 x 36.0 x 14.5	64.5 x 16.4	2.97 x 5.57	0.57 x 0.67	8.43	8.18	7.61	7.31
668-NC-S16400XFYSAY	16 x 4	Yellow	Array LED	Yellow/Green	87.0 x 60.0 x 9.5	61.8 x 25.2	2.95 x 4.75	0.55 x 0.55	16.09	15.61	14.53	13.95
668-NC-S20200XFGSAY	20 x 2	Gray	Array LED	Yellow/Green	116.0 x 37.0 x 14.5	82.2 x 18.2	3.20 x 5.55	0.60 x 0.65	13.08	12.69	11.81	11.33
668-NC-S20200XFYSAY	20 x 2	Yellow	Array LED	Yellow/Green	116.0 x 37.0 x 14.5	82.2 x 18.2	3.20 x 5.55	0.60 x 0.65	17.00	15.45	14.66	13.71
668-NC-S20400XFYSAY	20 x 4	Yellow	Array LED	Yellow/Green	98.5 x 60.0 x 14.5	76.0 x 25.2	2.95 x 4.75	0.55 x 0.55	22.56	20.51	19.45	18.19
668-NC-S24200XFGSAY	24 x 2	Gray	Array LED	Yellow/Green	118.0 x 36.0 x 14.5	94.5 x 18.0	3.20 x 5.55	0.60 x 0.65	15.51	15.04	14.00	13.44
668-NC-S40200XFYSAY	40 x 2	Yellow	Array LED	Yellow/Green	182.0 x 33.5 x 14.0	154.0 x 16.5	3.20 x 5.55	0.60 x 0.65	29.67	26.97	25.58	23.93
Negative Transmissive with LED Backlight												
668-NC-S20200BFGSGW	20 x 2	Neg.	Edge LED	White	116.0 x 37.0 x 14.5	82.2 x 18.2	3.20 x 5.55	0.60 x 0.65	17.02	15.47	14.67	13.73