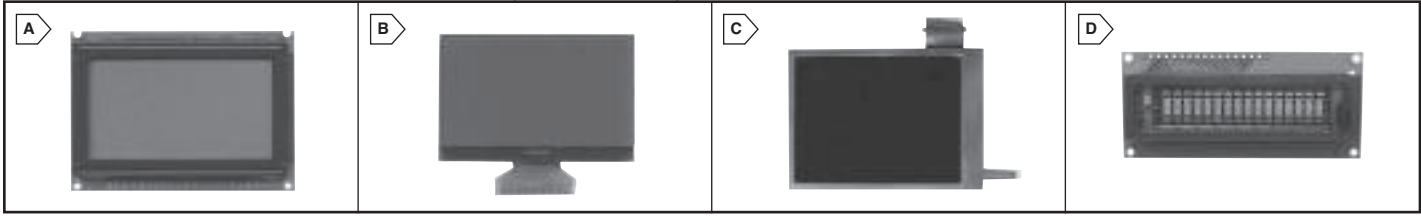


# NEWHAVEN COG, VFD and LCD Displays

RoHS Compliant This product is RoHS compliant.

Displays



## LCD GRAPHIC DISPLAYS

Features: • 5V Std Power Supply • Bitmap Graphics, built in controllers • 8-Bit Parallel \* 3.3 Volt Supply

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Fig.	Module Size mm	Display Format	Conn. Type	Display Type	Backlight (LED)	Display Mode	Price Each			
								1	5	10	50
763-12232KZ-NSW-BBW	A	83.5 x 27.5	122 x 32	2 x 10 Back	STN - Blue (-)	White - LED	Transmissive	15.50	14.50	12.00	11.00
763-12232AZ-FL-YBW	A	84.0 x 44.0	122 x 32	1 x 16 Top	STN - Y/G	Yellow/Green - LED	Transflective	14.72	13.89	13.38	12.47
763-12864MZ-FSW-GBW	A	63.2 x 52.2	128 x 64	1 x 20 B	STN - Gray	White - LED (20mA)	Transflective	24.00	23.00	21.00	19.00
763-12864AZ-FSW-GBW	A	93.0 x 70.0	128 x 64	1 x 20 B	STN - Gray	White - LED	Transflective	26.00	25.00	23.00	21.00
763-24064CZ-FSW-FBW	A	118.0 x 45.0	240 x 64	2 x 10 R	FSTN (+)	White - LED	Transflective	58.75	54.23	51.27	49.47
763-24064WG-ATMI	A	180.0 x 65.0	240 x 64	2 x 10 R	STN - Blue (-)	White - LED	Transmissive	63.92	60.30	58.11	54.17
763-24064WG-ATFH	A	180.0 x 65.0	240 x 64	2 x 10 R	FSTN (+)	White - LED	Transflective	58.00	56.60	54.55	50.85
763-240128WG-BYGH	A	144.0 x 104.0	240 x 128	1 x 20 B	STN - Gray	Yellow/Green - LED	Transflective	80.21	74.04	70.00	67.54
763-240128WG-BFGH	A	144.0 x 104.0	240 x 128	1 x 20 B	STN - Gray	White CCFL	Transflective	75.98	71.68	69.07	64.39
*763-320240WG-BXTGH	A	166.8 x 109.0	320 x 240	1 x 20 B	STN - Gray	White - LED	Transflective	92.00	90.00	86.00	80.00

Newhaven Displays

## CHIP ON GLASS DISPLAYS

Features: • Super low power consumption • Operating temperature: -20°C to +70°C \* Recommended Evaluation Board sold separately

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Fig.	Module Size mm	Display Format	Voltage Supply	Display Type	Backlight (LED)	Display Mode	*Recommended Evaluation Board	Price Each			
									1	5	10	50
<b>Character</b>												
763-C0216CZ-NSWBBW3V	B	41.4x24.3x4.0	2 x 16	3V	STN-Blue	White	Transmissive	-	10.31	9.52	9.00	8.68
763-C0216CZ-FSWFBW3V	B	41.4x24.3x4.0	2 x 16	3V	FSTN (+)	White	Transflective	-	10.63	9.81	9.27	8.95
763-C0216AZ-FN-GBW	B	49.7x25.3x2.1	2 x 16	5V	STN-Gray	None	Transflective	-	9.00	8.49	8.18	7.63
763-0216CU-FN-GBW	B	49.7x25.3x2.0	2 x 16	3V	STN-Gray	None	Transflective	-	8.80	8.30	8.00	7.46
763-C0220AU-FSW-FTS	B	74.5x25.0	2 x 20	3V	FSTN (+)	Side White	Transflective	-	10.30	9.72	9.36	8.73
<b>Graphic</b>												
763-C12832A1ZNSWBBW3	B	41.4x24.3x4.0	128 x 32	3V	STN-Blue	White	Transmissive	-	10.21	9.42	8.91	8.60
763-C12832A1ZFSWFBW3	B	41.4x24.3x4.0	128 x 32	3V	FSTN (+)	White	Transflective	-	10.52	9.71	9.18	8.86
763-C12864B2Z-RN-FBW	B	48.0x36.0x2.0	128 x 64	3V	FSTN (+)	None	Reflective	763-NHD-FFC28	13.96	12.88	12.18	11.75
763-C12864GG-RN	B	55.5x38.0x2.0	128 x 64	3V	STN-Gray	None	Reflective	763-NHD-FFC26	7.60	7.17	6.91	6.44
763-12864MZ-FSW-FTW	B	69.85x42.93x5.85	128 x 64	3V	FSTN (+)	White	Transflective	-	19.40	18.30	17.64	16.44
763-12864CZ-FSW-GBW	B	71.3x54.9x5.9	128 x 64	3V	STN-Gray	White	Transflective	763-NHD-FFC30	19.20	18.11	17.45	16.27
763-12864AZ-FSY-YBW	B	80.0x54.0x10.2	128 x 64	3V	STN-Y/G	Yellow/Green	Transflective	-	22.00	20.75	20.00	18.64
763-12864AZ-FSY-YBWH	B	80.0x54.0x10.2	128 x 64	3V	STN-Y/G	Yellow/Green	Transflective	763-NHD-FFC18-1	22.80	21.51	20.73	19.32
763-12864EZ-FSW-FTW	B	102.0x70.0x9.5	128 x 64	3V	FSTN (+)	White	Transflective	-	27.40	25.85	24.91	23.22
763-12865BZ-FSW-GBW	B	66.3x49.8x5.9	128 x 65	3V	STN-Gray	White	Transflective	763-NHD-FFC30	18.40	17.36	16.73	15.59
763-128128BZ-FSW-GBW	B	71.3x75.4x1x6.0	128 x 128	3V	STN-Gray	White	Transflective	-	32.76	30.91	29.78	27.76
763-16010CZ-RN-FBW	B	51.50x39.70x2.1	160 x 100	3V	FSTN (+)	None	Reflective	763-NHD-FFC20	19.20	18.11	17.45	16.27

## LCD TFT DISPLAYS

Features: • 8, 16 or 24 bit digital interfaces • Available with and without touch screens • High brightness LED backlights • Wide viewing angle • Wide operating temperature • Available with or without controllers

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Fig.	Module Size Diag. (in.)	Display Format	Interface	Module Size (mm)	Backlight (LED)	Display Mode	Price Each			
								1	5	10	50
763-1.8-128160ZF-CT	C	1.8"	160 x 128	8 or 16 Bit Dig.	34.0 x 47.0 x 2.7	White LED	Transmissive	17.99	16.23	14.98	13.91
763-2.4-240320SFCTXI	C	2.4"	240 x 320	16 Bit Dig.	60.26 x 42.72 x 3.9	White LED	Transmissive	21.64	19.83	18.31	17.00
763-2.4240320SFCTXIT	C	2.4"	240 x 320	16 Bit Dig.	60.26 x 42.72 x 3.9	White LED	Transmissive	25.27	23.17	21.38	19.86
763-3.5-320240MFATXL	C	3.5"	320 x 240	24 Bit Dig.	76.9 x 63.8 x 3.3	White LED	Transmissive	34.55	31.67	29.23	27.14
763-3.5320240MFATXLT	C	3.5"	320 x 240	24 Bit Dig.	76.9 x 63.8 x 3.3	White LED	Transmissive	37.45	34.33	31.69	29.43
763-4.3-480272ZFATX1	C	4.3"	480 x 240	24 Bit Dig.	105.5 x 62.7 x 5.4	White LED	Transmissive	46.90	43.43	41.88	39.08
763-4.3-480272ZFATXT	C	4.3"	480 x 240	24 Bit Dig.	105.5 x 62.7 x 5.4	White LED	Transmissive	50.99	47.13	45.45	42.42
763-5.7-320240WFBCT	C	5.7"	320 x 240	8 Bit Dig.	149.0 x 109.0 x 11.5	White LED	Transmissive	99.23	96.27	89.58	86.00
763-5.7-320240WFBET	C	5.7"	320 x 240	16 Bit Dig.	149.0 x 109.0 x 11.5	White LED	Transmissive	100.77	97.76	90.97	87.33

## VFD CHARACTER MODULES, DOT MATRIX

Features: • LCD compatible sizes and interfaces • Operating temperature: -40°C to +85°C • ASCII and Japanese font tables • 5mm or 9mm character height • No backlight is necessary • Higher Brightness than LCDs • +5V power supply • 8 User defined fonts • 4 Level Brightness control

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Fig.	Module Size mm	Display Format	Digit Format	Display Type	Backlight (LED)	Display Mode	Price Each			
								1	5	10	50
763-116SD-161SDBR1	D	80.0x36.0x11.0	1 x 16	5 x 8	5.29 x 2.00	Serial / Parallel	1x15 Top	29.00	28.50	28.00	26.80
763-216SD-162SDAR2	D	80.0x36.0x18.0	2 x 16	5 x 8	5.34 x 2.10	Serial / Parallel	1x14 Top	34.00	32.00	30.00	29.00
763-216MD-162MDBR2	D	122.0x44.0x 20.0	2 x 16	5 x 8	9.22 x 3.85	Serial / Parallel	1x14 Bottom	43.00	41.00	40.00	38.00
763-220SD-202SDAR1	D	116.0x37.0x17.5	2 x 20	5 x 8	5.34 x 2.35	Serial / Parallel	2x 7 Left	40.00	37.00	35.00	32.00
763-220MD-202MDAR1	D	146.0x43.0x19.2	2 x 20	5 x 8	8.95 x 3.85	Serial	1x16 T, 2x7L	43.00	41.00	40.00	39.00
763-420SD-204SDAR1	D	100.0x60.0x20.6	4 x 20	5 x 8	4.84 x 2.35	Serial / Parallel	1x 14 Top	70.00	66.00	61.00	57.00

## EVALUATION BOARDS AND ACCESSORIES

Features: • 52mm x 40mm board size • Various pins outs and pitches for many displays

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Description	Price Each			MOUSER STOCK NO.	Description	Price Each			MOUSER STOCK NO.	Description	Price Each		
		1	5	10			1	5	10			1	5	10
763-NHD-FFC16-1	16 pin FFC-thru hole adpt	10.00	9.09	8.62	Cont.				Cont.					
763-NHD-FFC18	18 pin FFC-thru hole adpt	10.00	9.09	8.62	763-NHD-FFC26	26 pin FFC-thru hole adpt	10.00	9.09	8.62	763-NHD-FFC36	36 pin FFC-thru hole adpt	10.00	9.09	8.62
763-NHD-FFC18-1	18 pin FFC-thru hole adpt	10.00	9.09	8.62	763-NHD-FFC26-1	26 pin FFC-thru hole adpt	10.00	9.09	8.62	763-NHD-FFC37	37 pin FFC-thru hole adpt	10.00	9.09	8.62
763-NHD-FFC20	20 pin FFC-thru hole adpt	10.00	9.09	8.62	763-NHD-FFC28	28 pin FFC-thru hole adpt	10.00	9.09	8.62	763-NHD-FFC40	40 pin FFC-thru hole adpt	10.00	9.09	8.62
763-NHD-FFC20-1	20 pin FFC-thru hole adpt	12.00	9.09	8.62	763-NHD-FFC30	30 pin FFC-thru hole adpt	10.00	9.09	8.62	763-16POSFFC	16 position Flat Flex Cable	4.00	3.33	2.73
763-NHD-FFC22	22 pin FFC-thru hole adpt	10.00	9.09	8.62	763-NHD-FFC33	33 pin FFC-thru hole adpt	10.00	9.09	8.62	763-20POSFFC	20 position Flat Flex Cable	4.00	3.33	2.73