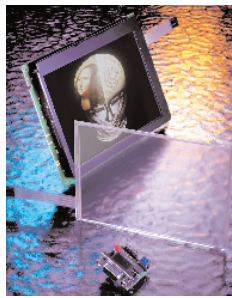


Format	Mfrs. List No.	Order Code	Price Each		
			1+	5+	10+
256 64 Pixels	LMG6381QHGE	325-624			
	LMG7380QHFC	481-580			
240 128 Pixels	LMG6400PLGR	325-570			
	LMG6401PLGE	325-582			
	LMG6402PLFR	325-594			
	LMG7400PLFC	491-688			
Controller IC	HD61830	405-796			
Inverter for 491-688	INVC132	491-690			
LCD User Guide	—	171-914			

Monochrome LCD Graphic Display with Integrated Touch Input Transflective with LED Backlighting

DENSITRON



- On-board LCD controller for simple software
- On-board DC/DC converter for simple power supply
- 1024 1024 point analogue resistive touch overlay on-board
- RS-232 input for touch panel
- Available in 64 240, 128 240, 320 240 pixel format

Format	Module Size	Display Area	Pixel Size	Mfrs. List No.
64 240 STN Transflective Black on Yellow/Green	180 65 17	127.16 33.88 18	0.49 0.49	DTKS4267-6203
128 240 STN Transflective Black on Yellow/Green	144 104 17.4	107.95 57.55	0.4 0.4	DTKS4229-6202
320 240 FSTN Transflective Black on Yellow/Green	148 120 16.1	120 92	0.33 0.33	DTKS4733-6204

A range of high contrast graphic modules with built in touch panels. Each kit is supplied with interface cables, touch-panel decoder and touch panel software utilities for easy implementation into most applications.

For graphic development the SGI terminal card may be used to drive LCD panels up to 256 256 pixel format. The card interfaces via a separate RS-232 port. It allows the use of powerful graphic array of text or graphic commands and functions.

Separate interface cable assemblies are available for connecting the driver card to the displays (cable 422-6175 to the DTKS4229-6202 and the 4267-6176 to the DTKS4267-6203).

OPT673

Format	Mfrs. List No.	Order Code	Price Each		
			1+	3+	5+
64 240	DKTS4267-6203	316-7562			
128 240	DKTS4229-6202	316-7574			
320 240	DKTS4733-6204	316-7586			
Interface Card	DKSG101-6174	316-7598			
Cable for DKTS4229-6202	4229-6175	316-7604			
Cable for DKTS4267-6203	4267-6176	316-7616			

Monochrome 1/4VGA, 320 240 Pixels, Transmissive, CFL Backlight

HITACHI



656-148



656-150

- High brightness: 80cd/m² (LMG6912RPFC-00T), 100 cd/m² (LMG9520RPFC)
- Low power consumption
- High contrast ratio - 18:1 (LMG26912RPFC-00T), 20:1 (LMG9520RPFC)
- Ideal for displaying animated graphics without ghosting or after image
- Evaluation boards available see order code 942-327 opposite

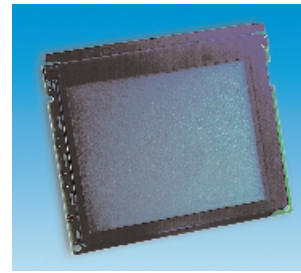
STN Colour	Module Size			Display Area		Pixel Size	Mfrs. List No.
	W	H	D	W	H		
Film Black on White	167.1	109	11	120	90	0.33 0.33	LMG6912RPFC-00T
Film Black on White	129.6	92.6	7.5	104	75.5	0.3 0.3	LMG7520RPFC

OPT421

Mfrs. List No.	Order Code	Price Each		
		1+	10+	50+
LMG6912RPFC-00T	656-150			
LMG7520RPFC	656-148			
LCD User Guide	171-914			

5" 1/4VGA LCDs with Built In Controller LED, CCFL Backlight

DENSITRON



- Either LED or CCFL backlight options
- 8-bit parallel input
- On-board memory mapped graphic control
- Suitable for any 6800 or 8080 environment
- CCFL backlight Inverter available
- FSTN technology

A choice of 2.5" 1/4VGA LCDs (320 240 pixels) with on-board controllers for simple hardware and software integration.

Format	Backlight	Module Size	Display Area	Pixel Size	Mfrs. List No.
320 240	LED	148 120 23.1	115.17 86.37	0.33 0.33	LM4733BG240G320WCF
320 240	CCFL	148 131.7 23.1	115.17 86.37	0.33 0.33	LM6733B240G320WCF
Inverter		44 14 21			INV-12

OPT672

Format	Mfrs. List No.	Order Code	Price Each		
			1+	3+	5+
320 240 LED	LM4733BG240G320WCF	316-7628			
320 240 CCFL	LM6733B240G320WCF	316-7630			
Inverter	INV-12	316-7641			

Monochrome, 10.4" VGA 640 480 pixels

HITACHI



- Film black and white transmissive
- Single edge CFL backlight
- High contrast ratio 18:1
- Ideal for displaying animated graphics without ghosting or after image
- STN colour, film black or white

Module Size			Display Area		Pixel Size	
W	H	D	W	H	W	H
264	183	8.5	215.2	162.4	0.33	0.33

OPT423

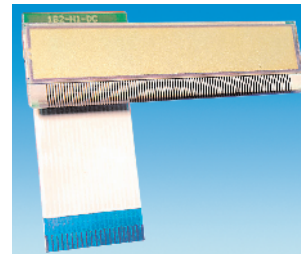
Mfrs. List No.	Order Code	Price Each
LMG7550XUFC	657-608	1+

LCD Min-Modules

2 16 & 2 20 Character, 33 100 & 64 100 Graphic Displays

DENSITRON

Monochrome Transflective with LED Backlight



- 2 16 and 2 20 offer 5V only input
- On-board character generator
- 33 100, 64 100 offer on-board graphic controller with memory
- Serial or parallel input
- All displays feature low-profile LED backlighting
- Simple 1.0mm pitch flexible cable interconnection

These modules use STN (Supertwisted Nematic) technology and have a space saving of up to 50% when compared to similar resolution panels, this range of "mini-modules" offers the ultimate in miniature high-resolution display technology.

Format	Module Size	Display Area	Character Size	Pixel Size	Mfrs. List No.
2 16	65 19.5 7.8	54.7 9.0	2.95 4.35	0.60 0.55	LM4047BG2C16HNG/5V
2 20	80 21.5 7.8	68.5 10.7	2.95 5.15	0.60 0.65	LM4052BG2C20HNG/5V
33 100	75 35 8.6	59.96 21.74		0.60 0.66	LM4900BG33G100SNY
64 100	52 47.5 7.5	38 27.5		0.38 0.43	HC-LM4064BGSNY-6219
64 100	53 79 7.9	52.95 40.27		0.54 0.51	HC-LM4068BGSNY-1218

OPT670

Format	Mfrs. List No.	Order Code	Price Each				
			1+	3+	5+	10+	25+
2 16	LM4047BG2C16HNG/5V	316-7689					
2 20	LM4052BG2C20HNG/5V	316-7690					
33 100	LM4900BG33G100SNY	316-7707					
64 100	HC-LM4064BGSNY-6219	316-7719					
64 100	HC-LM4068BGSNY-1218	316-7720					