

Mfrs. List Nos:		Order Code	
BTHQ128064AVC-COG-FSTF-LED05 WHITE		944-9353	
BTHQ128064AVD-COG-FSTF-LED05 WHITE		944-9396	
BTHQ240064AVB-COG-FETF-LED05 WHITE		944-9426	
BTHQ128064AVC-COG-SMN-LED05 WHITE		944-9361	
BTHQ128064AVD-COG-SMN-LED05 WHITE		944-9400	
BTHQ240064AVB-COG-EMN-06-LED WHITE		944-9434	

Format	Module Size			Display Area	Controller	Connector	Order Code
	W	H	D	W x H			
Reflective - Black characters on a yellow/green background							
100 x 32	65	28.4	8	46 x 46	SED 1520	B, 1 x 17	944-9302
128 x 64	64	52	5	60 x 60	UC 1606	B, 1 x 22	944-9337
128 x 64	54.6	42.2	1.8	50.6 x 50.6	S1D 10605D04B	T, 1 x 28	944-9370
Transflective - Black characters on a green background							
100 x 32	65	28.4	8	46 x 46	SED 1520	T, 1 x 17	944-9310
128 x 64	64	52	5	60 x 60	UC 1606	B, 1 x 22	944-9345
128 x 64	54.6	42.2	1.8	50.6 x 50.6	S1D 10605D04B	T, 1 x 28	944-9388
240 x 64	120	44.8	5	102.4 x 102.4	S1D 10605D04B	T, 1 x 22	944-9418
Transflective - Black characters on a white background							
100 x 32	65	28.4	8	46 x 46	SED 1520	T, 1 x 18	944-9329
128 x 64	64	52	5	60 x 60	UC 1606	B, 1 x 22	944-9353
128 x 64	54.6	42.2	1.8	50.6 x 50.6	S1D 10605D04B	T, 1 x 28	944-9396
240 x 64	120	44.8	5	102.4 x 102.4	S1D 10605D04B	T, 1 x 22	944-9426
Transmissive - White characters on a blue background							
128 x 64	64	52	5	60 x 60	UC 1606	B, 1 x 22	944-9361
128 x 64	54.6	42.2	1.8	50.6 x 50.6	S1D 10605D04B	T, 1 x 28	944-9400
240 x 64	120	44.8	5	102.4 x 102.4	S1D 10605D04B	T, 1 x 22	944-9434

Connector details:
 B = Bottom, L = Left, T = Top. No. of rows x No. of pins (e.g. 1 x 20 = 1 row x 20 pins)

338281

Format (connection)	Order Code	Price Each				
		1+	5+	10+	25+	+
Black Characters on a yellow/green background						
100 x 32 (A)	944-9302	2,333.00	2,122.00	1,945.00	1,848.00	--
128 x 64 (B)	944-9337	3,268.00	2,972.00	2,724.00	2,514.00	--
128 x 64 (C)	944-9370	1,261.00	1,146.00	1,051.00	970.00	--
Black Characters on a green background						
100 x 32 (A)	944-9310	2,715.00	2,468.00	2,263.00	2,088.00	--
128 x 64 (B)	944-9345	3,529.00	3,208.00	2,942.00	2,716.00	--
128 x 64 (C)	944-9388	1,508.00	1,372.00	1,257.00	1,160.00	--
240 x 64 (C)	944-9418	6,823.00	6,203.00	5,685.00	5,248.00	--
Black Characters on a white background						
100 x 32 (A)	944-9329	3,258.00	2,963.00	2,716.00	2,506.00	--
128 x 64 (B)	944-9353	3,624.00	--	--	--	--
128 x 64 (C)	944-9396	2,218.00	2,016.00	1,848.00	1,706.00	--
240 x 64 (C)	944-9426	7,352.00	6,683.00	6,126.00	5,655.00	--
White Characters on a blue background						
128 x 64 (B)	944-9361	5,123.00	4,658.00	4,270.00	3,941.00	--
128 x 64 (C)	944-9400	2,127.00	1,935.00	1,772.00	1,637.00	--
240 x 64 (C)	944-9434	8,197.00	7,452.00	6,830.00	6,305.00	--

(A) With Connector, (B) Universal Interface, (C) FPC Cable

STN Monochrome Graphic Displays

250 x 128 (5.1") & 320 x 240 (4.7") - Transmissive, CFL Backlight



- LMG74xx has a built-in T6963C controller
- Black on White Film STN
- High contrast ratio 20:1
- Starter Kits and Inverters are also available
- Matched Inverter also available separately

Suitable Starter Kits & Inverters

- Each Starter Kit contains:
 - A comprehensive instruction leaflet with Module and Inverter details, handling precautions, suggestions for driver chip and connector suppliers
 - The matched Inverter
 - Input connector for the module
 - Input connector for the Inverter with flying leads

Display Type	Order Code	Starter Kit	Order Code	Matched Inverter	Order Code
LMG7420PLFC-X (G)	390-1713	START74XX.	390-1853	INVC191	390-1981
LMG7520RPFC	390-1725	START7520.	390-1865	INVC473	390-2006

Module Size	Display Area			Pixel Size		Mfrs. List No.	
	W	H	D	W	H		
240 x 128							
159.4	101	11	123	68	0.47	0.47	LMG7420PLFC-X (G)
320 x 240							
129.6	92.6	7.5	100	75.5	0.285	0.285	LMG7520RPFC

233685

Mfrs. List No.	Order Code	1+	Price Each	+	+
Display Resolution					
240 x 128					
LMG7420PLFC-X (G)	390-1713	8,275.00	--	--	--
320 x 240					
LMG7520RPFC	390-1725	6,575.00	--	--	--
Starter Kits					
START74XX.	390-1853	5,063.00	--	--	--
START7520.	390-1865	5,063.00	--	--	--
Inverters					
INVC191	390-1981	2,168.00	--	--	--
INVC473	390-2006	1,445.00	--	--	--

SP10xx & SP14xx STN Monochrome Graphic Displays

HITACHI

240 x 160 (4"), 240 x 320 (3.8"), 320 x 240 (5.7") - Transmissive & Transflective, CFL & LED Backlight



- Starter Kits and Inverters are also available
- Each Starter Kit contains:
 - A comprehensive instruction leaflet with Module and Inverter details, handling precautions, suggestions for driver chip and connector suppliers
 - The matched Inverter
 - Input connector for the module
 - Input connector for the Inverter with flying leads
- Matched Inverter also available separately

Suitable Starter Kits & Inverters

Display Type	Order Code	Starter Kit	Order Code	Matched Inverter	Order Code
SP10Q002-T	390-1737	STARTSP10Q002	390-1877	INVC473	390-2006
SP10Q003-T.	390-1749	STARTSP10Q005-T	390-1889	Not Required	
SP10Q005-T.	390-1750	STARTSP10Q005-T	390-1889	Not Required	
SP14Q002-A1.	390-1762	STARTSP14Q002.	390-1907	INVC196 (5V)	390-2020 or
				INVC132 (12V).	390-2031
SP14Q002-T.	390-1774	STARTSP14Q002.	390-1907	INVC196 (5V)	390-2020 or
				INVC132 (12V).	390-2031
SP14Q002-C2A.	390-1786	STARTSP14Q002.	390-1907	INVC196 (5V)	390-2020 or
				INVC132 (12V).	390-2031

Screen Size	Backlight Type	Module Size	Display Area	Pixel Size	Mfrs. List No.
		W H D	W H	W H	
240 x 160 - FSTN, Black on White Transflective					
4"	CFL	120 80 7.0	88.1 60	0.335 0.335	SP10Q002-T
240 x 320 - FSTN, Black on White Transflective. Low Power, Resistive Touchscreen					
3.8"	LED	70.1 92.1 9.0	60.6 79.8	0.225 0.225	SP10Q003-T.
240 x 320 - FSTN, Black on White Transflective. Low Power.					
3.8"	LED	70.1 92.1 7.9	60.6 79.8	0.225 0.225	SP10Q005-T.
320 x 240 - FSTN, Black on White Transmissive. High Brightness					
5.7"	CFL	167 109 10.0	120 89	0.345 0.345	SP14Q002-A1.
320 x 240 - FSTN, Black on White Transflective. Low Power, Sunlight Readable.					
5.7"	CFL	167 109 10.0	120 89	0.345 0.345	SP14Q002-T.
320 x 240 - FSTN, Black on White Transflective. High Brightness, Resistive Touchscreen					
5.7"	CFL	167 109 11.4	120 89	0.345 0.345	SP14Q002-C2A.

233700

Mfrs. List No.	Order Code	1+	Price Each	+	+
Display Resolution					
240 x 160					
SP10Q002-T	390-1737	5,476.00	--	--	--
240 x 320					
SP10Q003-T.	390-1749	7,435.00	--	--	--
SP10Q005-T.	390-1750	6,248.00	--	--	--
320 x 240					
SP14Q002-A1.	390-1762	6,343.00	--	--	--
SP14Q002-T.	390-1774	7,161.00	--	--	--
SP14Q002-C2A.	390-1786	9,474.00	--	--	--