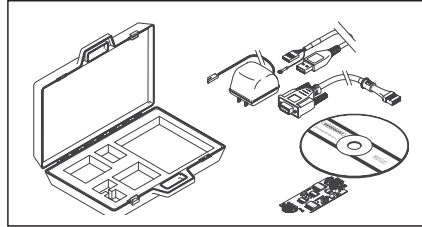




5-Wire Resistive Touch Screens

The Bergquist 5-Wire Resistive Touch Screens are inherently the most durable resistive touch screens on the market, engineered to withstand high-usage environments. Unlike other resistive technologies that must use two opposing layers to create X- and Y- axis measurements (such as 4-wire and 8-wire technologies), 5-wire sensors utilize a stable glass substrate for both X- and Y- axis measurements. **Features:** • Durability: 35 Million actuations/Drift-free operation at all times • Accuracy: 98.5% accurate - without external electronic correction • Actuation: Any finger, glove or stylus • Optics: Index-matched materials provide 81% light transmission and patented spacer dot design • Warranty: All 5-wire touch screens come with a 5-year warranty



Touch Screen Starter Kit Contains: • Touch Screen Controller • RS-232 and USB Cable • Software and Drivers • 110V Power Supply • Documentation and Manuals • Plastic Case • Storage space for touch screen **Note:** Appropriate touch screen must be purchased separately

Size (Inches)	Outside Dimensions (mm)	Active Area (mm)	Digi-Key Part No.	Price Each	Bergquist Part No.	
5-Wire Touch Screens — RoHS Compliant						
3.5	84.04 x 64.5	72.04 x 54.28	BER256-ND NEW!	35.65	400333	
5.7	135.0 x 101.0	117.0 x 88.0	BER257-ND NEW!	57.35	400413	
6.4	150.0 x 115.5	130.6 x 98.4	BER250-ND NEW!	62.00	400395	
7.0	170.1 x 106.3	154.40 x 92.1	BER255-ND NEW!	63.55	400397	
8.4	196.09 x 149.86	171.4 x 128.8	BER251-ND NEW!	65.10	400399	
10.4	248.92 x 186.69	215.9 x 163.83	BER252-ND NEW!	71.30	400401	
12.1	271.27 x 205.74	248.87 x 187.4	BER248-ND	83.70	400403	
12.1	271.27 x 205.74	248.87 x 187.4	BER249-ND	91.45	400404	
15.0	322.0 x 245.5	303.5 x 227.5	BER247-ND	100.75	400384	
17.0	356.0 x 286.5	337.0 x 269.5	BER253-ND NEW!	130.20	400387	
19.2	401.0 x 323.40	381.0 x 305.7	BER254-ND NEW!	159.65	400392	
Accessories						
Controller Touch Screen USB RS232				BER241-ND♦	34.00	500499
6' Cable RS-232 for Touch Screen				BER242-ND	8.00	400196
6' Cable USB for Touch Screen				BER243-ND	8.00	400199
Power Supply for Touch Screen				BER244-ND	12.00	400294
Kit — RoHS Compliant						
Starter Kit for Touch Screen				BER245-ND	125.00	400293

♦ RoHS Compliant

TOSHIBA TFT LCD Displays

Leading Innovation >>>



Size (Inches)	Resolution (Pixels)	Outline Dimensions - mm W x H x D	Brightness (cd/m ²)	Contrast Ratio	Viewing Angle		Power Consumption (Watts)	Operating Temperature (°C)	I/F Signal	Type	Digi-Key Part No.	Price Each		
					Vertical	Horizontal						1	10	100
3.5	320 x 240	90 x 72 x 9	350	350	120	140	0.87	-20 - 70	CMOS	QVGA	LTA035A350F-ND	120.00	112.00	104.00
5.6	1024 x 600	136.8 x 85.9 x 2.95	300	400	50	80	1.40	0 - 50	LVDS	WSVGA	LTD056ET2S-ND	367.50	343.00	318.50
5.7	320 x 240	144 x 104.8 x 9.3	400	500	120	140	1.36	-20 - 70	CMOS	QVGA	LTA057A340F-ND	172.50	161.00	149.50
5.7	320 x 240	144 x 104.6 x 11.5	400	500	120	140	1.36	-20 - 70	CMOS	QVGA	LTA057A343F-ND NEW!	204.00	190.40	176.80
5.7	320 x 240	144 x 104.6 x 9.5	320	500	120	140	1.36	-20 - 70	CMOS	QVGA	LTA057A344F-ND NEW!	198.00	184.80	171.60
5.7	320 x 240	144 x 104.6 x 7.8	400	500	120	140	1.36	-20 - 70	CMOS	QVGA	LTA057A345F-ND NEW!	192.00	179.20	166.40
5.8	400 x 234	145 x 89 x 15.8	350	100	90	110	7.50	-20 - 60	Composite	WQVGA	TFD58W29MW-ND†	300.00	280.00	260.00
5.8	400 x 234	145 x 89 x 15.8	350	350	90	110	7.50	-20 - 60	Composite	WQVGA	TFD58W26MW-ND†	300.00	280.00	260.00
6.5	640 x 480	153 x 121 x 10.9	400	500	120	140	3.70	-20 - 70	LVDS	VGA	LTA065B0D2F-ND‡	283.50	264.60	245.70
6.5	640 x 480	153 x 121 x 10.9	550	500	120	140	3.50	-20 - 70	CMOS	VGA	LTA065B0D4F-ND NEW!	268.50	250.60	232.70
7.0	800 x 480	170.8 x 110 x 10	280	450	100	120	3.11	-10 - 60	CMOS	VGA	LTA070A321F-ND‡	235.50	219.80	204.10
7.5	640 x 480	195.2 x 137.5 x 9.5	350	380	120	140	3.40	-20 - 70	CMOS	VGA	LTA075A362F-ND▲	294.00	274.40	254.80
8.4	800 x 600	199.5 x 149.5 x 12	350	300	90	100	6.40	-10 - 60	LVDS	SVGA	LTM08C351R-ND‡	363.00	338.80	314.60
8.4	640 x 480	221 x 152.4 x 12	300	250	95	110	4.0	-10 - 70	CMOS	VGA	LTA084A380F-ND NEW!	229.50	214.20	198.90
8.4	800 x 600	199.5 x 149.5 x 12	400	400	100	120	4.8	-20 - 70	LVDS	SVGA	LTA084C271F-ND NEW!	351.00	327.60	304.20
8.5	800 x 480	224 x 135 x 14	215	250	100	120	5.50	-10 - 70	CMOS	VWGA	LTA085C184F-ND‡	270.00	252.00	234.00
8.9	1280 x 768	224 x 133 x 5.15	225	140	50	50	2.94	0 - 50	LVDS	WXGA	LTD089EXWS-NDΔ	492.00	459.20	426.40
8.9	1024 x 600	224 x 129 x 5.2	220	100	100	120	3.40	0 - 50	LVDS	WSVGA	LTM09C362T-ND NEW!	420.00	392.00	364.00
10.4	640 x 480	238.5 x 177.5 x 12	400	500	120	140	6.30	-10 - 65	CMOS	VGA	LTD104C11R-ND‡	360.00	336.00	312.00

† Composite Video and Analog RGB § With LED Driver ‡ With Touchscreen ▲ 4 Wire Touch Panel ◊ Anti-Reflective Coating Δ Transflective

SHARP TFT LCD Displays

Normal Display White

Size (Inches)	Pixel Format*	Outline Dimensions - mm W x H x D	Brightness (nits)	Contrast Ratio	Viewing Angle		Total Power Typical (W)	Operating Temperature (°C)	Type	Digi-Key Part No.	Price Each			Sharp Part No.
					Vertical	Horizontal					1	10	100	
3.0	320 x 320	66.6 x 68.5 x 3.6	100	—	40/50	100	0.35	-10 - 60	QVGA	425-2479-ND♦	152.72	128.80	115.00	LQ030B7DD01
3.5	240 x 320	65.0 x 85.0 x 3.4	55	15/85	100/100	100	0.35	-10 - 60	QVGA	425-2481-ND	181.36	152.95	136.57	LQ035Q7DB03
3.6	320 x 240	82.8 x 69.7 x 3.3	300	300	130/130	160	0.43	-10 - 60	QVGA	425-2482-ND♦	143.18	120.75	107.82	LQ036Q1DA01
3.8	240 x 320	69.0 x 88.6 x 3.4	90	8/75	100/100	100	0.52	0 - 50	QVGA	425-2649-ND♦	190.90	161.00	143.75	LQ038Q7DB03R
3.8	320 x 240	117.6 x 69.45 x 13.45	450	100	—	130	3.36	-30 - 85	QVGA	425-2484-ND	314.99	265.65	237.19	LQ038Q5DR01
5.0	320 x 240	119.4 x 89.1 x 12.7	380	—	—	130	4.15	-30 - 85	QVGA	425-2485-ND	353.17	297.85	265.94	LQ050Q5DR01
5.0	960 x 234	126.8 x 89.6 x 16.5	320	60	40/65	130	5.37	-30 - 85	QVGA	425-2486-ND	276.00	243.80	225.40	LQ05AW136
8.0	640 x 480	183.0 x 141.0 x 14.0	380	250	65/55	130	6.20	0 - 55	VGA	425-2489-ND	405.38	358.09	331.06	LQ080V3DG01
8.4	640 x 480	216.0 x 152.4 x 12.0	300	250	55/40	110	5.45	0 - 55	VGA	425-2490-ND♦	448.50	396.18	366.28	LQ084V1DG21
8.4	800 x 600	199.5 x 149.5 x 11.6	350	250	30/65	110	6.02	-10 - 65	SVGA	425-2491-ND♦	457.13	403.80	373.32	LQ084S3DG01
10.4	640 x 480	246.5 x 179.4 x 14.2	350	300	40/70	140	6.76	-10 - 65	VGA	425-2470-ND	431.25	380.94	352.19	LQ104V1DG51
10.4	800 x 600	246.5 x 179.4 x 15.0	350	300	40/70	140	7.80	-10 - 65	SVGA	425-2472-ND	517.50	457.13	422.63	LQ104S1DG21
12.1	800 x 600	276.4 x 209.0 x 11.0	350	300	50/60	140	8.02	-10 - 65	SVGA	425-2473-ND	422.63	373.32	345.15	LQ121S1DG41
12.1	800 x 600	276.4 x 209.0 x 11.0	350	300	50/60	140	8.02	-10 - 65	SVGA	425-2474-ND	422.63	373.32	345.15	LQ121S1LG41
15.0	1024 x 768	331.6 x 254.76 x 12.5	600	350	55/45	120	15.49	0 - 60	XGA	425-2475-ND	508.88	449.51	415.59	LQ150X1LGB1

♦ RoHS Compliant * 1 Pixel = R+G+B dots † Vertical Viewing Angle 12 o'clock and 6 o'clock

DIGITALVIEW® LCD Controller Boards and Accessories

Digital View is the leading supplier of advanced interface solutions for the flat panel display market.

Description	Digi-Key Part No.	1	Price Each 10	50	Digital View Part No.
Controller Boards — RoHS Compliant					
ALR-1400 PC,DVI Controller for TFT Panel	586-1016-ND	131.67	—	—	4171000XX-3
SP-1600 PC, DVI Controller for TFT Panel	586-1019-ND	263.34	—	—	4169900XX-3
Accessories					
Add-on Board for LVDS Displays	586-1020-ND♦	61.18	—	—	416212201-3
Add-on Board for LVDS Displays	586-1002-ND	61.18	—	—	4162135-XX
4-Way Inverter Cable	586-1007-ND♦	10.00	7.50	6.75	426040200
5-Way inverter Cable	586-1008-ND♦	10.00	7.50	6.75	426058300-3
Cable for Controller ACG-1024 (4167202-xx)	586-1009-ND♦	44.00	33.00	29.70	426311200-3
Cable for Controller ACG-1024 (4167201-xx)	586-1010-ND♦	38.00	28.50	25.65	426311600
LVDS Cable for Controller AL-1280 (4169300-xx)	586-1013-ND♦	46.00	34.50	31.05	426473000
LVDS Cable	586-1014-ND♦	28.00	21.00	18.90	426474300-3
Panel Cable for Controller SVH-1920 (4263112-00)	586-1017-ND♦	40.00	30.00	27.00	426500400-3
Panel Cable for Controller SVH-1920 (4263116-00)	586-1018-ND♦	40.00	30.00	27.00	426500500-3
Kit					
OSD Board Kit with Cable ACG/AVP/SVP/SV	586-1015-ND	48.00	36.00	32.40	KIT 60109

♦ RoHS Compliant

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