

SHARP 3.9" TFT LCD MODULE



LQ039Q2DS51

This 3.9" module adopts HR (high-reflective) TFT technology with touch panel build in. It uses a front-light system with lamp life of more than 10K hours. It is a low power consumption panel which cost only 0.094 Watts. The light-weight and slim-frame make it suitable for IA application, such as PDA, telecommunication equipment and any application which is subject to direct sunlight.

Parameter	Specifications	unit
Display size	3.9 Diagonal	inch
Active area	79.2(H) x 58.32(V)	mm
Pixel format	320(H)*240(V) full dots 1pixel=R+G+B dots	pixel
Pixel pitch	0.248(H)*0.243 (V)	mm
Pixel configuration	R,G,B vertical stripe	
Contrast Ratio	5.5 (typ.)	
Brightness	65 (typ.)	Cd/m ²
Response Time	80 (Typ.)	ms
Unit outline dimensions	104.5(W)*79.6(H)*6.45(D)	mm
Mass	95	g
Surface treatment (touch panel)	3H	
Storage Temp.	-25~+70	°C
Operating Temp.	0~+50	°C
Backlight		
Backlight Lifetime	10,000 (min)	hr
Resistive touch test	Pen: 0.8R polyacetal stylus Load: 250 gf Speed: 3 strokes per second Stroke: 35 mm Frequency: 50000 times x 4 pieces	