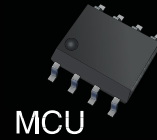
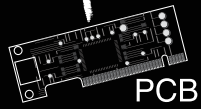


THE EXPERT OF LCD AND LCM
CLOVER DISPLAY 高發 液晶

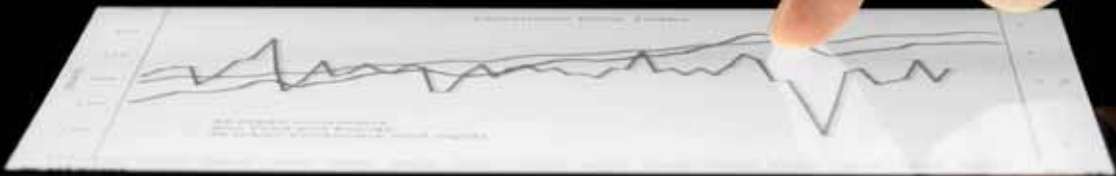
Standard LCD Modules
Standard LCD Panels
Custom Design
Demonstration

TOTAL SOLUTION
Customer's SPECIFIC NEEDS

LCD Display Module
Touch Panel



Assembly



THE EXPERT OF LCD AND LCM



Monochrome LCD
Monochrome TFT
Color TFT

Starting off as an associated company of Kontoy Products Company Limited, which focused on electronic board assembling, Clover Display Limited was established in its business in LCD manufacturing and chemical engineering production, processes which are very hard to perfect, but Clover attains the impossible.

Clover (trefoil) usually has three leaves, but occasionally it has four leaves, a probability of 1 in 1000. The four-leaf clovers, like other rarities, are considered as lucky. A common idiom is "to be in clover", which means to be living in a carefree ease, comfort or prosperity. The four leaves clover symbolizes that

Clover Display never gives up in developing new applications for different products. We are competitive and perseverant, despite different challenges and hardships.

A strong R&D team in Hong Kong allows Clover to continuously develop LCD and LCM for new applications. In 1993, a 8000 square meter factory was established in Shunde, which specialized in custom design LCD and LCM for industrial applications.

Facilities in Hong Kong and Shunde mainly focus on industrial applications, such as control units, energy meters, equipments, automotives, health equipment, medical equipment, home appliances, fax machine, feature phone, sport coaching meters, thermostats , etc.

In March 2001, Clover China Display (Shenzhen) Limited was established and mainly targeted at China and Taiwan local markets of commercial type.

Management Team

A professional and experienced Management team overlooks Sales and Administration, Manufacturing and quality control in Hong Kong and China respectively. Of course, Group's consultant keeps on providing technological advice.

China Plant for Overseas Market

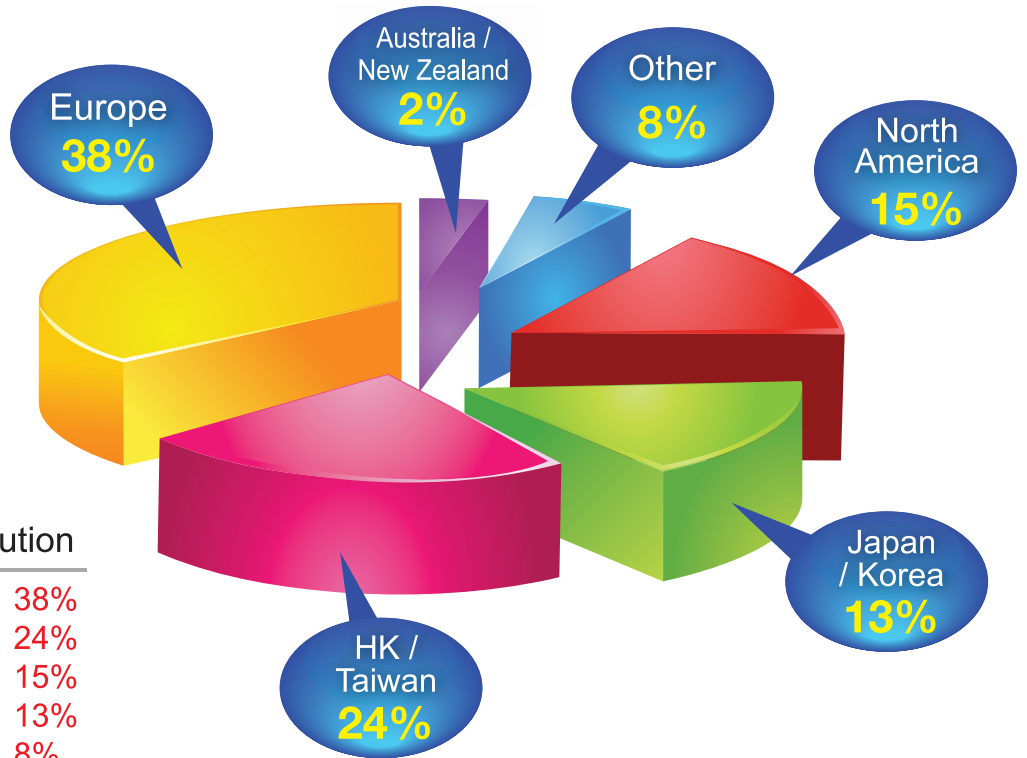
Longoal Display Limited

The LCD and LCM production at Longoal represents the very best in manufacturing and enables competitive pricing for the world market.



Market

Clover's sales networks do not only cover Asia, but also Europe and North America. Cooperating with our partners, we make use of their local sales networks to sustain worldwide brand development.



Worldwide Sales Distribution

Europe	38%
Hong Kong / Taiwan	24%
North America	15%
Japan / Korea	13%
Others	8%
Australia / New Zealand	2%

Quality Standard

Our production lines and facilities have met the standard of ISO 9001, ISO 14001 and IATF 16949 to ensure our products and service quality.



Clover China Display (Shenzhen) Limited for China and Asia Markets

Electronic Module Design Centre is set up in Shenzhen and the local sales team services the China & Asia markets.



SPECIALIZED in Custom Designed Products

Display Solutions

- ▲ Standard LCDs & LCMs
- ▲ Custom designed LCDs & LCMs
- ▲ TN, HTN, STN, ASTN, FSTN, FFSTN
- ▲ EBTN (VA)
- ▲ FSC (Field Sequential Color)
- ▲ Mono & Color TFT Modules
- ▲ Thin LCD
- ▲ Industrial & Automotives Grade

Custom Design Solutions

- ▲ Module Circuit Design
- ▲ High Precision Assembly
- ▲ COB, COF, COG, SMT, TAB

Value Added Services

- ▲ Touch Panels
- ▲ Optical Bonding Assembly
- ▲ Hard Glass
- ▲ Embedded Solutions
- ▲ AOI
- ▲ ITO Heater

TFT Displays

Features

- Size from 1.44" to 10"
- High contrast, wide view angle & wide temp. range
- Sunlight readable
- Long-term availability

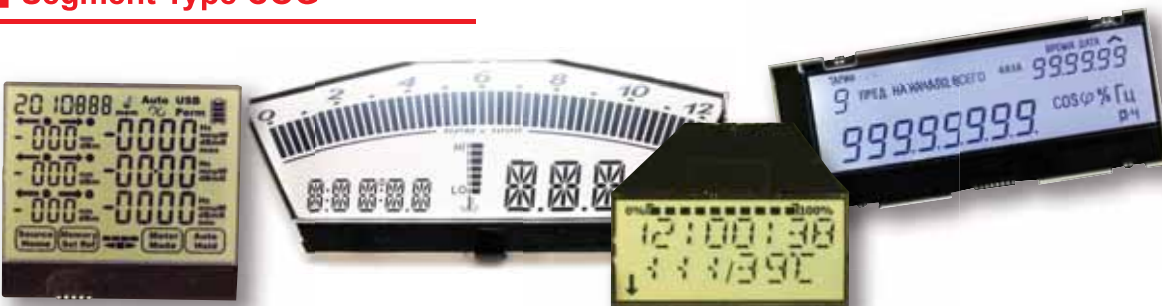
Applications

- Automations
- Automotives
- Health medical equipment
- Industrial instruments



High Resolution Graphic Modules and Custom Made

Segment Type COG



Graphic Modules



FSC LCD



EBTN

Enhanced Black Twisted Nematic

EBTN

EBTN (Enhanced Black Twisted Nematic) LCD technology is the one of the best negative image display with super high contrast ratio of 1000:1, exceeding conventional negative TN, STN and FSTN technology. Their high performances make it an ideal choice for applications ranging from watches to automotives.

▲ Features

- Very dark background with low light leakage
- Super high contrast (1000:1)
- Wide viewing angle (3-side optimized)
- Wide operating temperature (-40°C ~ 85°C)
- No temperature compensation required
- Available in icons, 7-segment and graphic type up to 1/64 duty.

▲ Applications

- Automotives
- Audio Equipments
- Watches
- Multimeters
- Home Appliances
- Information Board



Optical Bonding

“ Optical Bonding is a process in which a layer of transparent material such as OCA (Optical Clear Adhesive) or OCR (Optical Clear Resin) is used to fill the air gap between LCD module and the cover glass or touch panel. ”

▲ Features & Advantages :

- Enhance contrast ratio
- Reduce reflection
- Enhance sunlight readability
- Improve durability and damage resistance
- Enhance lifetime by protecting from dust and moisture
- No parallax effect and increase optical clarity
- Keep a screen intact when the equipment is broken

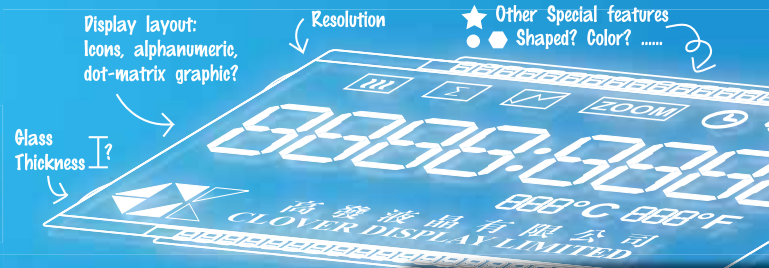


WITHOUT

WITH

CUSTOM Designed LCD Panels and Modules

► Satisfy Your SPECIFIC Needs



Applications

Health Medical Equipment



Health Equipment



Medical Equipment

Industrial Applications



Energy Saving Products



Industrial UPS



Security Control Panel

Testing Equipments



Vibration/Tachometer



Force Gauge



Sound Level Meter



Environment Meter

Automotives



Dashboard

Smart Metering



Gas Meter



Electric Meter



In-Home-Display

Wearable Devices



Smart Health Device



Smart Watch

Embedded LCM Solution

We provide total solution for interactive interface devices by integrating LCD module, touch panel, MCU and PCB assembly, all in one. Such convenience allows a broad range of customer to build their own product with high flexibility and complexity.

• Features



• Enclosures

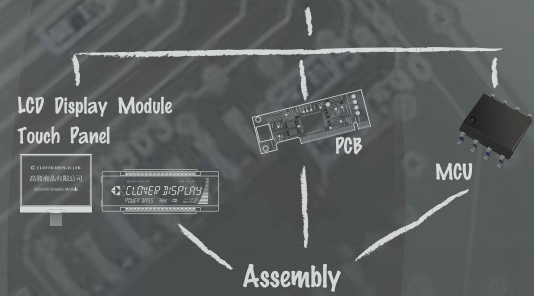


• Assembly

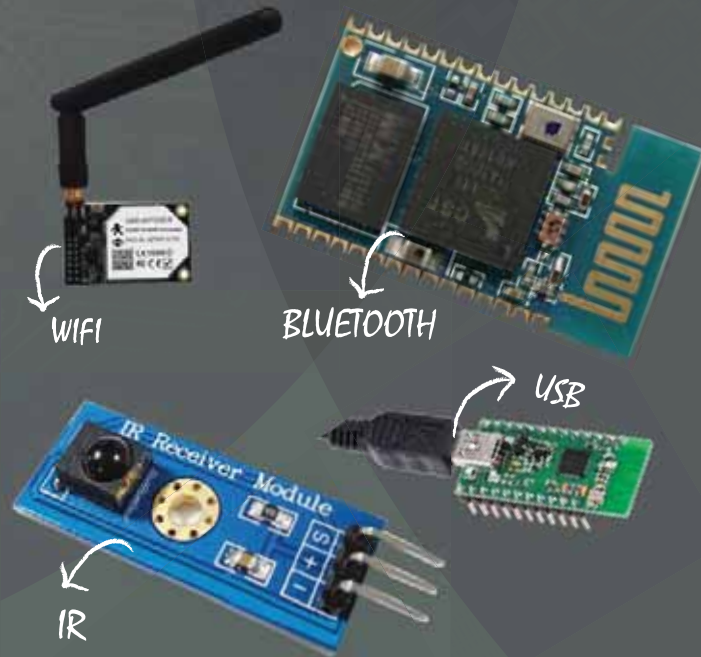


TOTAL SOLUTION

Customer's SPECIFIC NEEDS



• Communication





Standard LCD Modules
Standard LCD Panels
Custom Design
Demonstration

Hong Kong Headquarter:

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