EastRising Technology Co.,Ltd.

EastRising
buydisplay.com

▶ *EastRising Introduction*

EastRising first Stepped into the LCD &OLED market in 2003 and ePaper in 2016.Ever since then the company has been devoted to continuous development and provided the public with qualified LCD &LCM products ,meanwhile we also have the production capability of LED backlight , OLED Module and PCBA. Other companies agree that EastRising is one of the most reliable LCD &LCM manufacturer in the market.

For more than 13 years , EastRising has adhered to tradition. In the age of globalization, EastRising will continue to preserve the domestic LCD &LCM market and emerge as the total LCD &LCM provider in the world.

▶ *EastRising Organization Chart*

```
                    ┌─── LCD&LCM Factory
                    │
                    ├─── Equipment Dept.
                    │
                    ├─── Account Dept.
                    │
Head Office ────────┤─── Quality Dept.                    ┌─── China Group
                    │                                      │
                    ├─── Marketing & Sales ────────────────┤─── HK Office
                    │                                      │
                    ├─── R & D Center                      └─── Overseas Agent
                    │
                    └─── Administration
```

▶*Production Capability*

◆Factory Area: 3000m2

◆ Total Number of People :110-120

◆ Display Module Capacity: 150,000pcs/month

◆ Module Technology: COG,SMT,COB

◆Lead Time: 2-6 weeks

◆ Display Type :TN, STN, HTN,FSTN,TFT,ePaper,OLED

◆ Backlight Technology: LED Backlight

◆ Others: PCBA and Touch Panel

EastRising
buydisplay.com

▶ *Certification*
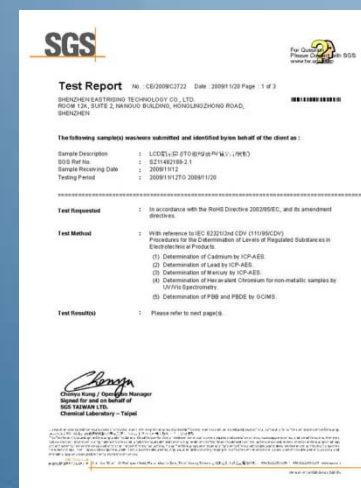
Standard Products

Character LCD

➢ 8 x 2
➢ 16 x 1, 16 x 2, 16 x 4
➢ 20 x 2, 20 x 4
➢ 24 x 2
➢ 40 x 2, 40 x 4

Graphic LCD

➢ 122 x32
➢ 128 x 32
➢ 128 x 64
➢ 192 x 64
➢ 240 x 64
➢ 240 x 128
➢ 320 x 240

TFT LCD

➢ 1.44 inch
➢ 1.8 inch
➢ 2.2 inch
➢ 2.4 inch
➢ 2.6 inch
➢ 2.8 inch
➢ 3.2 inch
➢ 3.5 inch
➢ 4.3 inch
➢ 5.0 inch
➢ 7.0 inch
➢ 8.0 inch
➢ 9.0 inch
➢ 10.1 inch

EastRising
buydisplay.com

6

Standard Products

OLED

- 0.49 inch
- 0.66 inch
- 0.69 inch
- 0.83 inch
- 0.84 inch
- 0.91 inch
- 0.95 inch
- 0.96 inch
- 1.10 inch
- 1.30 inch
- 1.50 inch
- 1.80 inch
- 2.20 inch
- 2.40 inch
- 2.8 inch
- 3.2 inch

E-Paper

- 1.5 inch
- 2.13 inch
- 2.6 inch
- 2.7 inch
- 2.9 inch
- 4.2 inch
- 7.5 inch

Touch Panel

- 1.4 inch
- 1.8 inch
- 2.2 inch
- 2.4 inch
- 2.6 inch
- 2.8 inch
- 3.2 inch
- 3.5 inch
- 4.3 inch
- 5.0 inch
- 7.0 inch
- 8.0 inch
- 9.0 inch
- 10.1 inch

EastRising
buydisplay.com

7

▶ *Main Supplier*

Liquid Crystals

- ❖ **E. Merck**
- ❖ **Chisso**
- ❖ **Dainippon Ink**

ITO Glasses

- ❖ **Samsung**
- ❖ **Donnelly**
- ❖ **Asahi Glass**

❖ *EastRising*

ICs

- ❖ **Toshiba**
- ❖ **Hitachi**
- ❖ **Epson**

Polarizers

- ❖ **Nitto**
- ❖ **Arisawa**
- ❖ **Sanritz**

EastRising
buydisplay.com

8

▶ *Main Production Equipment Introduction*

Equipment Name: SMT Machine

Brand: JUKI

Origin: Japan

Model:KE-2050CM

Quantity:4pcs

Equipment Name: COB Bonding Machine

Brand: ASM

Origin: Hong Kong

Model:AB530

Quantity:1pc

Equipment Name: Lead Free Reflow Machine

Brand: SUNEAST

Origin: Japan

Model:IPC-8

Quantity:2pcs

Equipment Name: COB Bonding Machine

Brand: ASM

Origin: Hong Kong

Model:AB520

Quantity:6pcs

Auto Black Glue Dispenser

Brand: Science

Origin : China

Model:HDPG-3

Quantity:2pcs

Equipment Name: COB Bonding Machine

Brand: DongJu

Origin: China

Model: DSA-100A

Quantity:6pcs

EastRising
buydisplay.com

9

▶ *Main Inspection Equipment Introduction*

❖ **Module Test Board used for visual inspection of LCD module. Please refer to EastRising LCM Quality Criteria.**

❖ **Backlight Test Board used for visual inspection of LED brightness and black dots inside LCD module.**
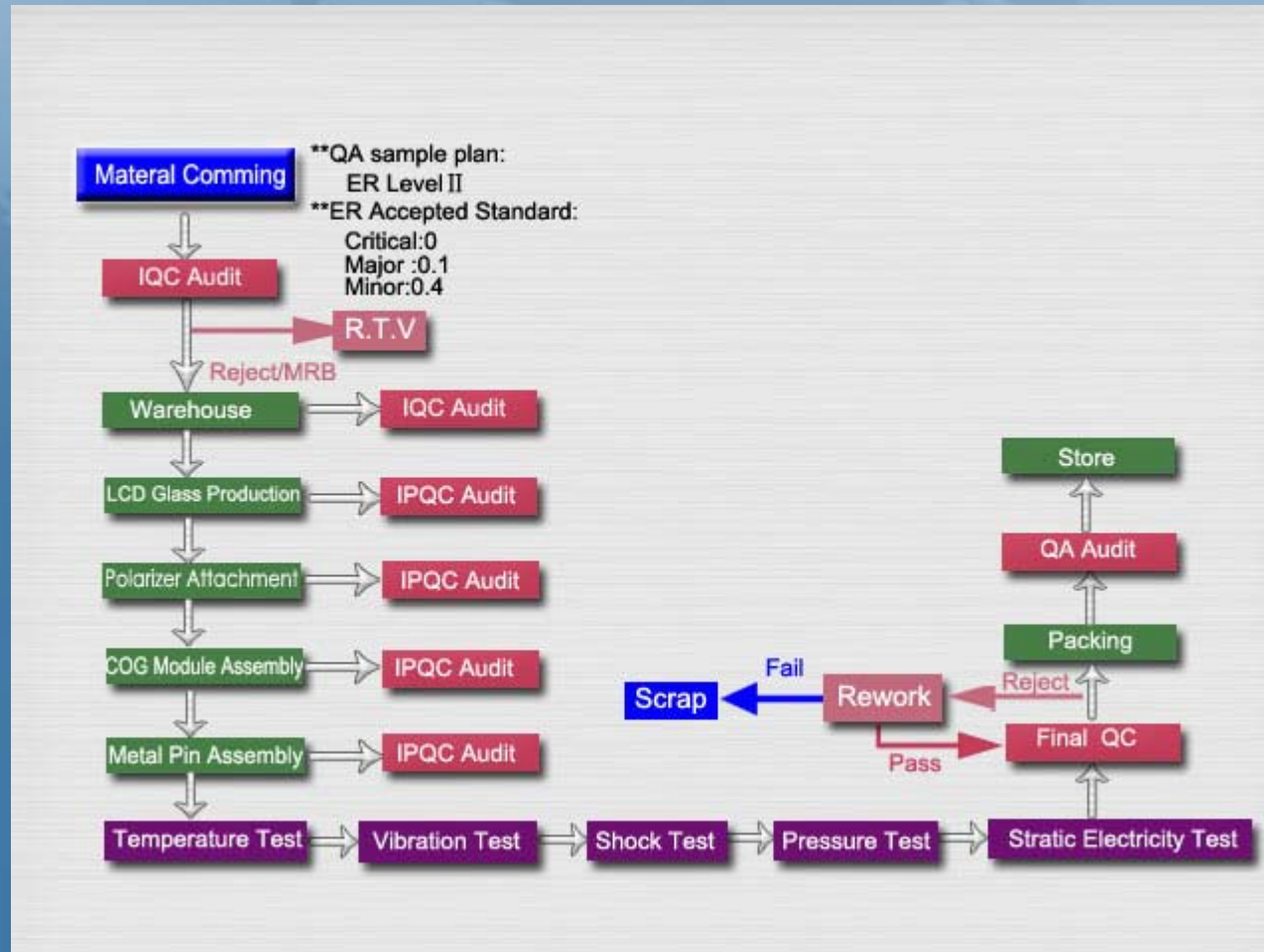

Equipment Name: Temperature Chamber

Brand: Li Hui
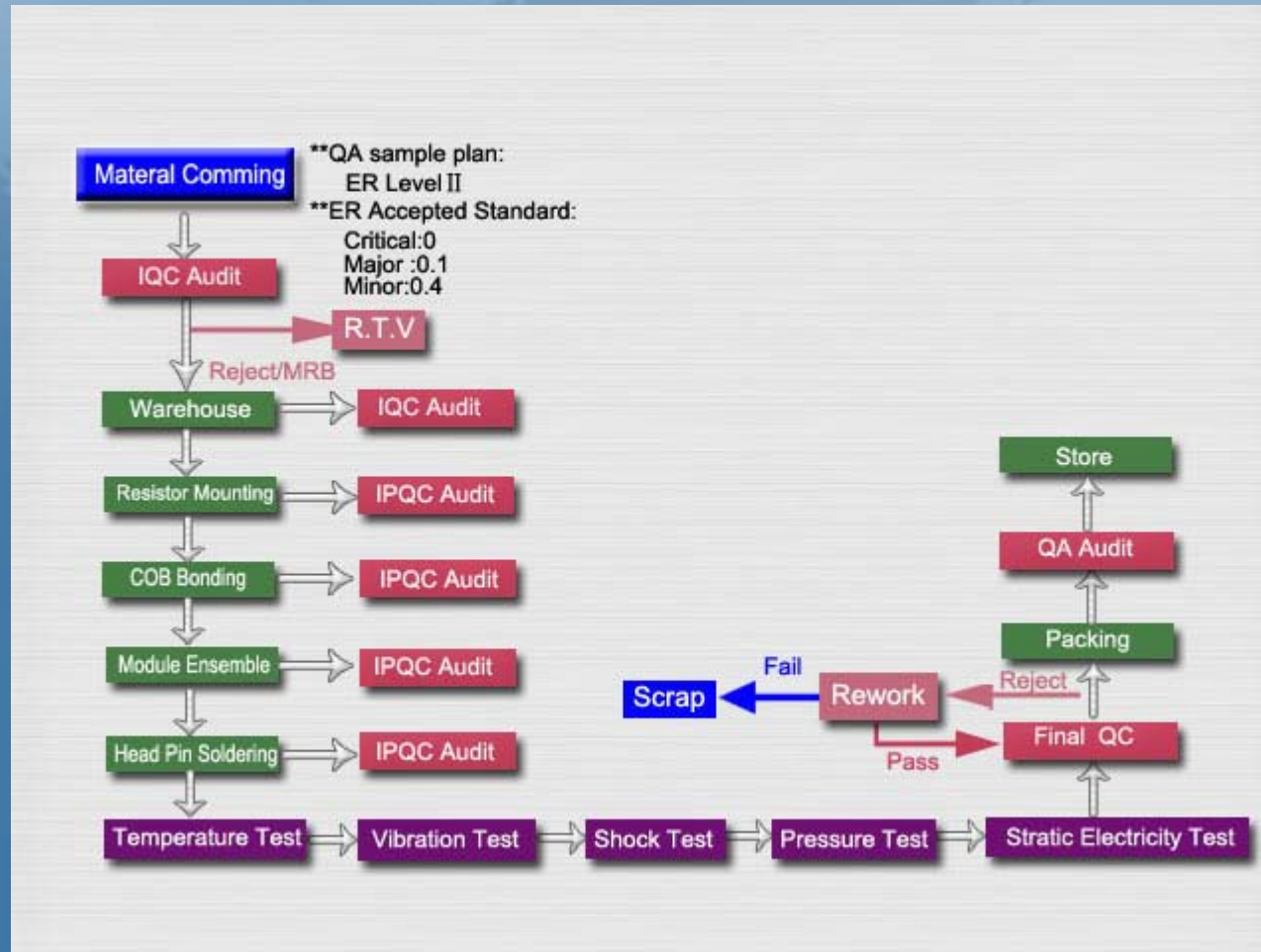
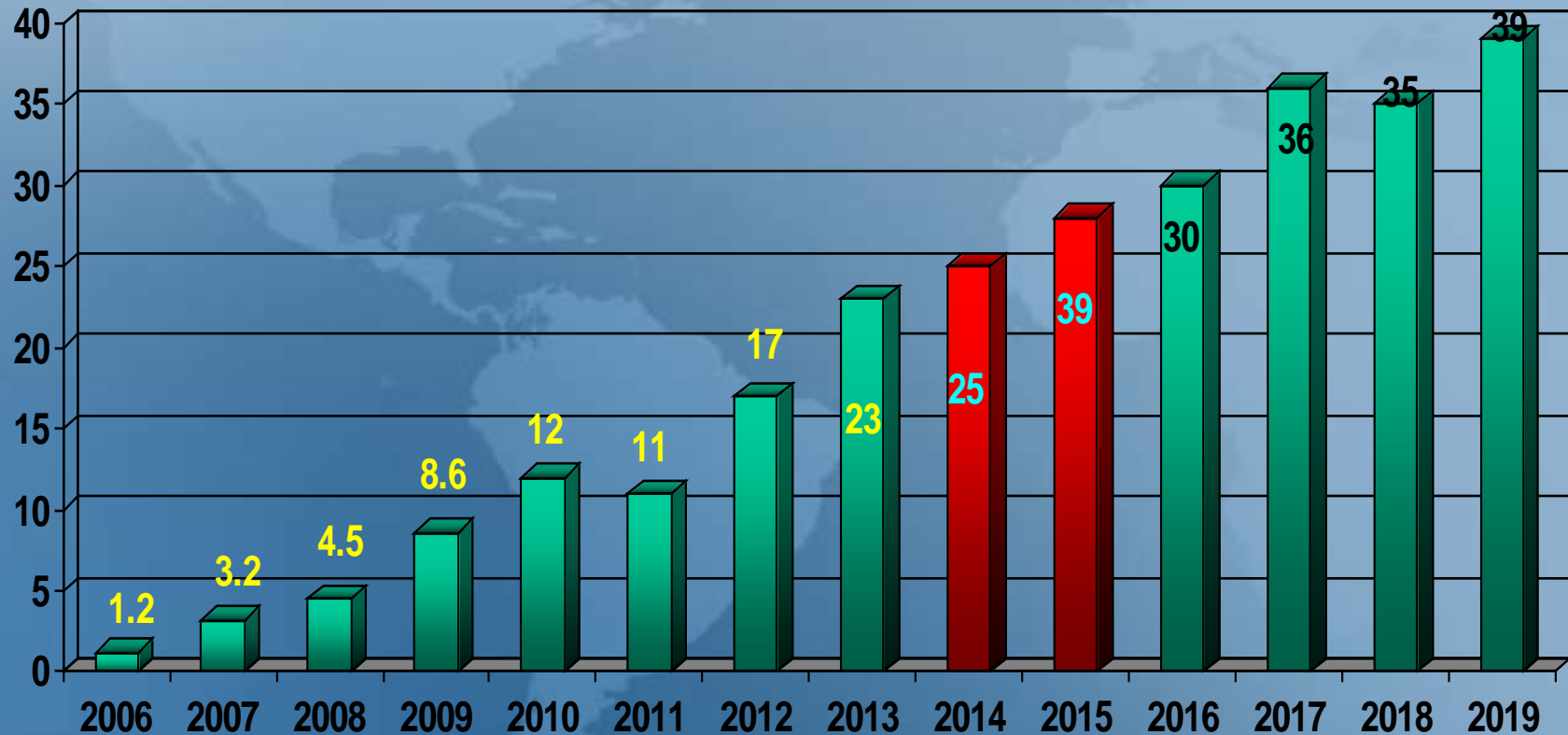**Origin: China**

Model: GD(J)S-100

Quantity:1pc

EastRising
buydisplay.com

▶ *Quality Control Flow Chart – COG LCD Module*

▶ *Quality Control Flow Chart –COB LCD Module*

▶ *Sales Overview in Mio. US$:*

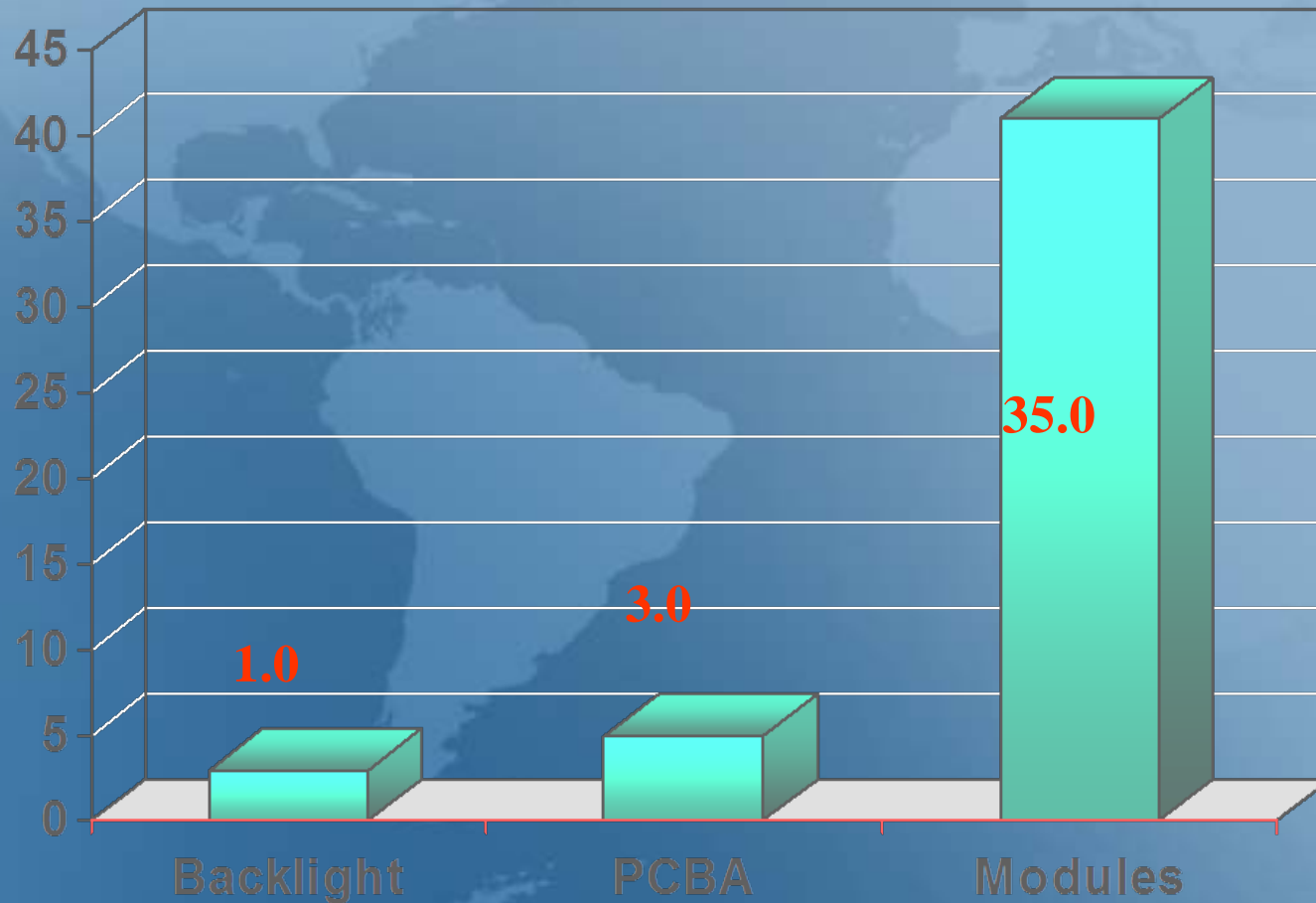Bar chart showing sales by year:
- 2006: 1.2
- 2007: 3.2
- 2008: 4.5
- 2009: 8.6
- 2010: 12
- 2011: 11
- 2012: 17
- 2013: 23
- 2014: 25
- 2015: 39
- 2016: 30
- 2017: 36
- 2018: 35
- 2019: 39

▶ *Shares/Area in %:*

➢ **2019**

55%

15%

30%

Asia

USA

Europe
South America

EastRising
buydisplay.com

▶ *2019 Sales/Products in Mio. $:*

Bar chart showing 2019 Sales/Products in Mio. $:
- Backlight: 1.0
- PCBA: 3.0
- Modules: 35.0
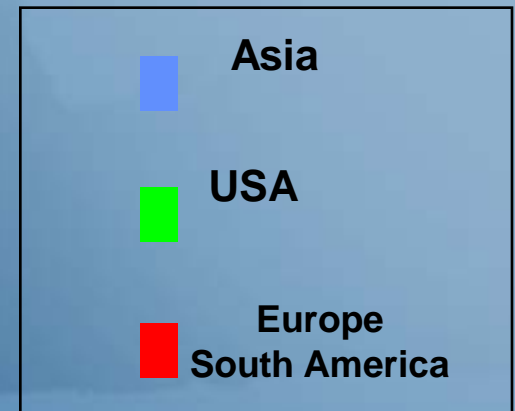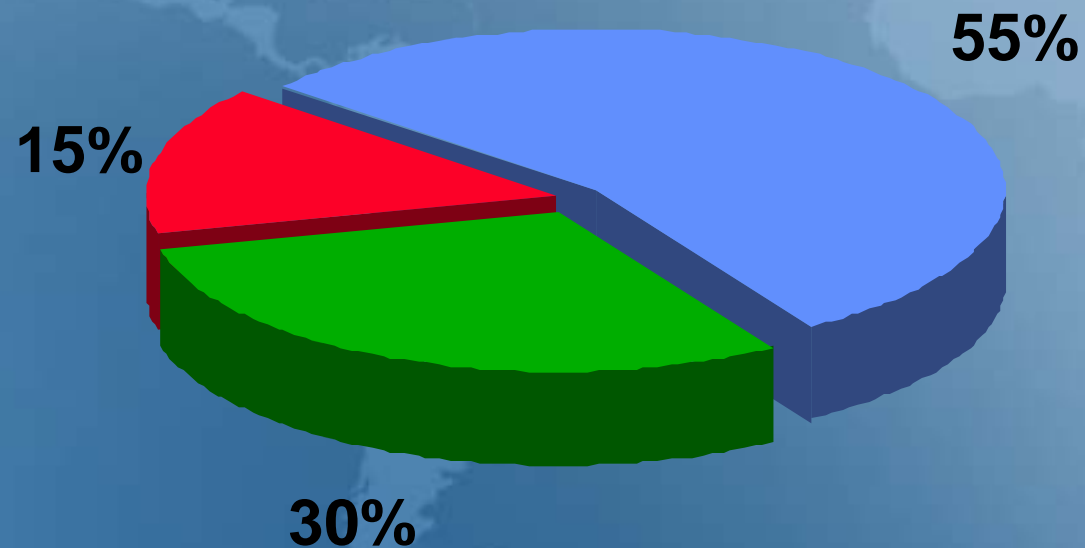
▶ *EastRising Famous Customer*

▶ *Main Mono COG Character&Graphic LCD Module*

EastRising COG modules are available in a variety of standard character and graphic sizes. COG module technology is ideal for applications requiring a very thin package. Gold bumped driver IC are bonded directly to the glass edge eliminating the need for an additional PCB, bezel and connector. Our custom capabilities are backed by a full staff of Engineers. Please consult with our sales representative about our custom capability. You will be surprised to find out how easy it is to work with EastRising on custom application and how cost effective it could be compared to off the shelf products.
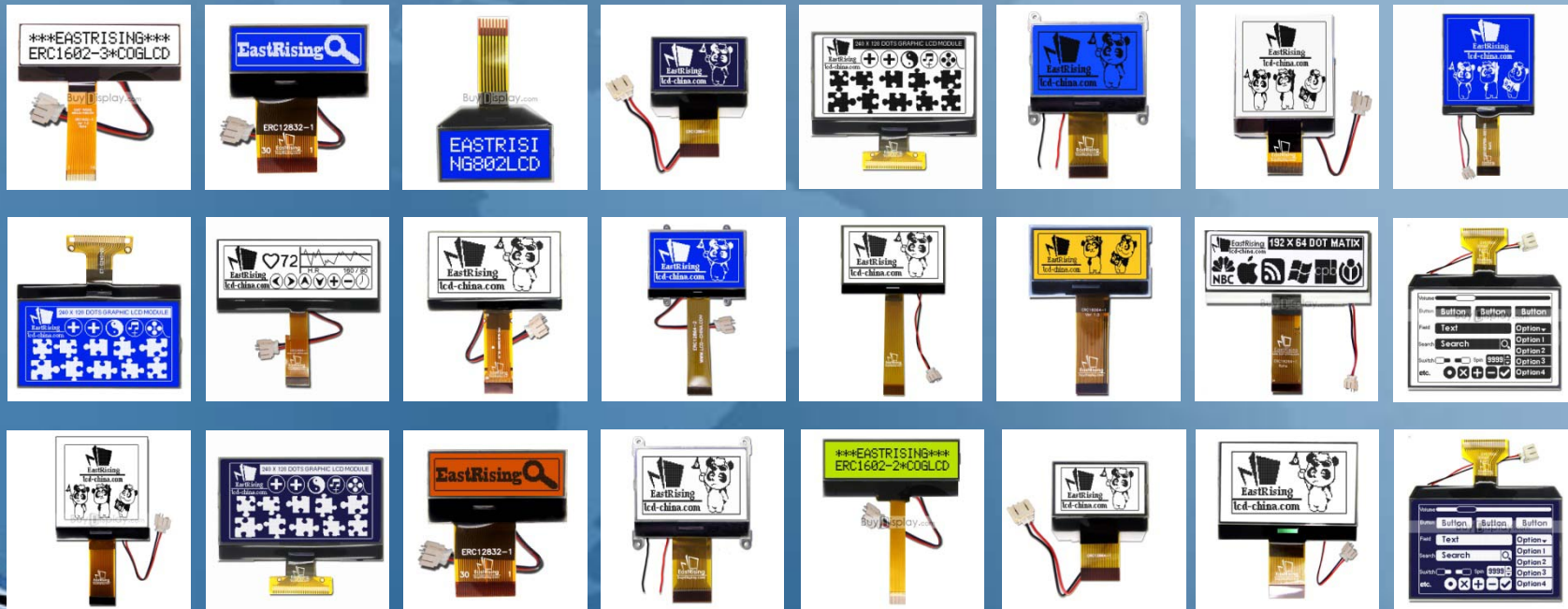
Main Mono COB Graphic LCD Module

EastRising graphic LCD modules feature both high contrast STN and FSTN technology for our monochrome graphics display. The product line features user friendly small to medium scale resolution display with various backlighting options. Standard STN models ranging from 128 x64 to 320 x 240 screen resolution . As it is our quest to provide cost effective display solutions that will fit your need, EastRising will custom design a graphic module to meet your specification. Our custom capability is backed by a full staff of engineersand a state-of-the-art COG, COF, COB, and SMT manufacturing process. We will also be happy to provide screen optimization and add on features such as touch screen for more effective solutions.

▶ *Main Mono COB Character LCD Module*

EastRising dot-matrix, COB character LCD modules come in a wide variety of sizes and configurations. The LCD modules are comprised of groups organized in blocks of 5 x 8 pixels. This arrangement offers an alphanumeric display of up to 40 characters per line to a maximum of four lines. Standard configuration available from the common 8x1, 16x1,to the large 40x4 character display are available. An LCD module consists of a liquid crystal display that incorporates all the necessary drive electronics, backlighting (optional), and mounting mechanisms into one convenient subassembly. EastRising offers standard and custom Character LCD modules.

▶ *Main Color TFT LCD Module*

EastRising tft lcd module come in a wide variety of sizes from 1.44 inch to 10.1 inch. Touch panel is available for almost all the sizes. They all features high display quality ,super wide viewing angle and easily controlled by MCU such as 8051, PIC, AVR, ARDUINO, and ARM .It can be used in any embedded systems,industrial device,security and hand-held equipment which requires display in high quality and colorful image.It supports 8080 8-bit,9-bit,16-bit,18-bit parallel,3-wire,4-wire serial spi interface. FPC with zif connector is easily to assemble or remove.

THE END. THANKS