

Picture Production and Bitmap Conversion



**GDEH029A1** 

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## Picture Production and Bitmap Conversion for GDEH029A1



Figure 1

Take Figure 1 for example, we will briefly introduce how to make picture and convert bitmap.

## 1. How to Make Picture

Make a pure black and white picture of 296\*128 resolution (gray scale is not supported), and save it as a BMP or JPG file (BMP is recommended).



## 2. Bitmap Conversion

Open *Image2lcd.exe* in the RAR package. Parameter setting is shown in Figure 2:

- 2.1 Open the picture;
- 2.2 "Output file type": Choose "C array (\*.c)";
- 2.3 "Scan mode": Choose "Vertical Scan";
- 2.4 "BitsPixel": Choose "monochrome";
- **2.5** "Max Width and Height": Fill in "296" and "128", and click the arrow to confirm;



2.6 Don't tick these five items;

- **2.7** "Reverse color": Tick if you don't want to reverse color;
- 2.8 Click "Save" to save the array as a file of ".c";
- **2.9** Replace the corresponding array in the program with the array of ".c" file.





Figure 2