# 8, 4, 3, 2 & static LCD Controller and Driver
## Interface I2C and Serial

## Description

EM6110 is a bit map low multiplex controller and driver for full dot matrix B/W TN and STN LCD displays. The driving capability **8x32, 4x36, 2x38 or 4, 3, 2, 1 rows x 40 columns** addressed by 3-wire and I2C interface. On chip bias and refresh frequency.



## Key Features

- **Interface I$^2$C and serial**
- **External High LCD voltage up to 10V**
- **Improved synchronisation**

- Cascadable
- Double RAM
- LCD voltage external
- Internal or external oscillator
- Internal or external Bias Generator
- Add voltage-follower
- Supply voltage from low 1.8V up to 5.5V
- Available in die with/without gold bumps, COG, COF, COB and TQFP64
- Function and software compatible with:
  V6118 and V6108

## Typical Applications

- Headsets
- Balances and scales
- Utility meters
- Portable, battery operated products
- Large displays (public information panels)

## & BENEFITS

*Flexibility and easy to design-in*
*Usable with a wide range of modules*
*Save synchronisation*
*Ideal for portable applications*
*Transparent replace*
*Save PCB space*

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