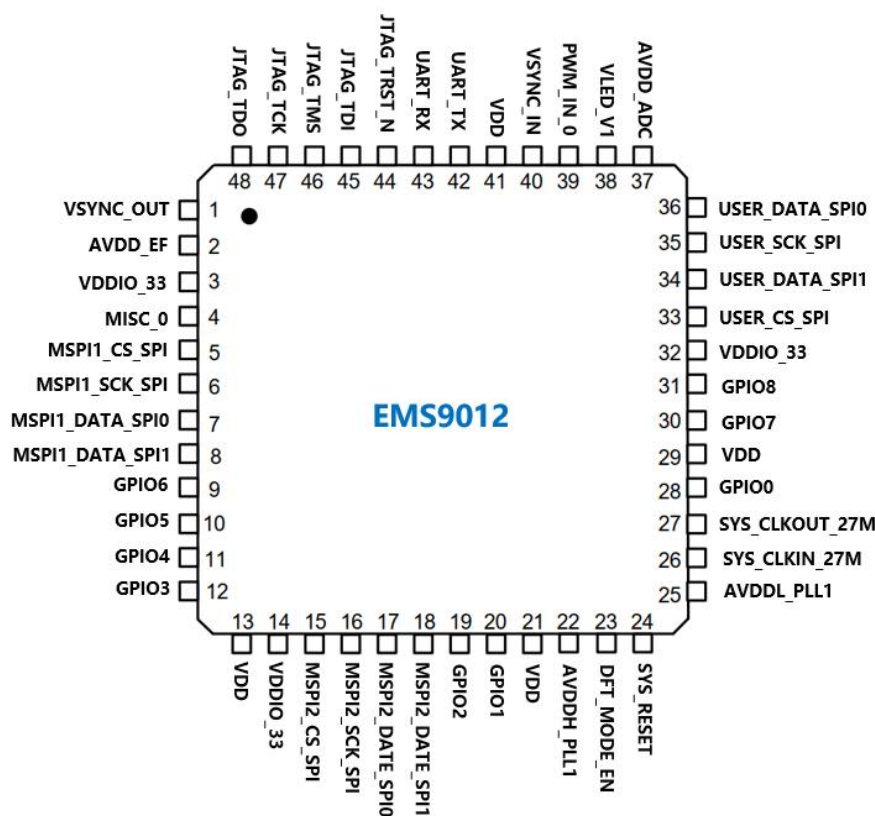# EMS9012 Product Brief

EMS9012 is a mini LED backlight control IC, which is responsible for regulating the LED Driver IC to drive the backlight. It adopts RISC-V CPU IP - E310, and the maximum frequency supports 150MHz. EMS9012 supports SPI input and output with a maximum frequency of 30MHz. The main functions of EMS9012 include：

- Control LED Driver IC
- Brightness adjustment, and power consumption limitation
- Mapping backlight

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