

OLED Driver IC (SH11XX series) OLED驱动芯片 (SH11系列)

芯片型号	最大显示点数 (SEG*COM)	显示存储器	颜色	SEG驱动 电流	COM最大 电流	I/O工作电压	逻辑工作电压	DC-DC工作电压	OLED工作 电压	接口			内建DC-DC 转换器	低功耗	其他	封装
part number	Max display size (SEG*COM)	Display RAM	Color	Typ Segment Source Current	Max Common Sink Current	I/O Voltage	Logic Voltage	DC-DC Voltage	Max. OLED voltage	Interface			Build in DC-DC control	Low power consumpti on	Others	Package
SH1101A1	132X64	132X64	Mono, 256 steps	320uA	45mA	1.65~3.5V	1.65~3.5V	2.4~3.5V	14V	8 bits 8080	8 bits 6800	SPI+ I2C	Y	<5uA	取代 SH1101A	COG
SH1103	132X48	132X48	Mono, 256 steps	180uA	24mA	1.65~3.5V	1.65~3.5V	3.0~4.2V	14V	8 bits 8080	8 bits 6800	SPI+ I2C	Y (C Type)	<5uA	双COMMON, 短边, 长 边可配置	COG
SH1106	132X64	132X64	Mono, 256 steps	200uA	27mA	1.65~3.5V	1.65~3.5V	3.0~4.2V	14V	8 bits 8080	8 bits 6800	3, 4-SPI+ I2C	Y (C Type)	<5uA	内建4文件 VPP电压, 6.4V.	COG
SH1107	128X128	128X128	Mono, 256 steps	500uA	64mA	1.65~3.5V	1.65~3.5V	2.4~3.5V	16.5V	8 bits 8080	8 bits 6800	3, 4-SPI+ I2C	Y	<5uA	高亮度驱动	COG
SH1108	160x160	160x160	Mono, 256 steps	500uA	80mA	1.65~3.5V	1.65~3.5V	2.4~3.5V	16.5V	8 bits 8080	8 bits 6800	3, 4-SPI+ I2C	Y	<5uA	高亮度驱动	COG
SH1122	256X64	256X64X4	16 Grayscale	500uA	128mA	1.65~3.5V	1.65~3.5V	2.4~3.5V	14V	8 bits 8080	8 bits 6800	3, 4-SPI+ I2C	Y	<5uA	取代 SH1123	COG
SH1126	384X96	384X96X4	16 Grayscale	500uA	192mA	1.65~3.5V	1.65~3.5V	2.4~3.5V	14V	8 bits 8080	8 bits 6800	3, 4-SPI+ I2C	Y	<5uA	Sample	COG