



Monochrome Display

Part Number	SSD1805	SSD1829
Description	Seg/Com Driver w/ Controller	Seg/Com Driver w/ Controller
Display Size (Seg x Com)	132 x68	96 x 68
Low Power Icon	132	96
Grey-scale	-	-
Supply Voltage	1.8 ~ 3.6V	1.8V ~ 3.6V
Max. LCD Driving Voltage	+12.5V	+12V
Die Dize	13.38	3.63
Pad Pitch	58	33
Internal DC-DC Converter	2 ~ 5X	3 ~ 6X
On-chip Bias Divider	Yes	Yes
On-chip Oscillator	Yes	Yes
Display Data RAM (bits)	132 x68	96 x 98 x 1
MCU Interface	PPI, SPI	PPI, SPI
Prog. Multiplex Ratio	1/9 ~ 68	1/16 ~ 65
Power Save Mode	Yes	Yes
Standalone Annunciator	-	-
Non-Volatile Memory (OTP)	Yes	Yes
Bias Ratio	1:4 ~ 1:9	1:4 ~ 1:9
Re-mapping of Row/Column	Yes	Yes
Vertical Scrolling	Yes	Yes
Display Offset Control	Yes	Yes
RAM Page Blinking	Yes	Yes
Software Contrast Control	64 Levels	64 Level
Temperature Compensation	4 Setting	4 Setting
Operation Temperature	-30 ~ 85°C	-30 ~ 85°C
Package	COG, TAB	COB, COG
Remarks	All Build-in Cap	All Build-in Cap Low volt feature