



Portrait Driver Controller

Part Number	SSD1269	SSD1276	SSD1284	SSD1287	SSD1297	SSD2006	SSD2215	SSD2220	SSD2225
Display Size (Source x Gate)	240RGB x 320	176RGB x 220	132RGB x 132	176RGB x 220	240RGB x 320 (QVGA)	240RGB x 320 (LTPS)	240RGB x 320	240RGB x 432	240RGB x 432
RAM size (Byte)	-	-	39204	87120	172800	-	-	223280	-
Max. Color Depth	262K	262K	262K	262K	262K	262K	16M	262K	16M
Supply Voltage for logic	1.4 ~ 3.6V	1.4 ~ 3.6V	1.4 ~ 3.6V	1.4 ~ 3.6V	1.4 ~ 3.6V	1.4 ~ 3.6V	1.4 ~ 3.6V	1.4 ~ 3.6V	1.4 ~ 3.6V
Supply Voltage for analog	2.5 ~ 3.6V	2.5 ~ 3.6V	2.5 ~ 3.6V	2.5 ~ 3.6V	2.5 ~ 3.6V	2.5 ~ 3.6V	2.5 ~ 3.6V	2.5 ~ 3.6V	2.5 ~ 3.6V
Max. Gate Output Voltage	32Vpp	32Vpp	30Vpp	32Vpp	30Vpp	30Vpp	30Vpp	30Vpp	30Vpp
Internal DC-DC Converter	-6X ~ +6X	-6X ~ +6X	-6X ~ +6X	-6X ~ +6X	-6X ~ +6X	-5X ~ +5X	-6X ~ +6X	-6X ~ +6X	-6X ~ +6X
Graphic Controller Function	-	-	Yes	Yes	Yes	-	-	Yes	-
MCU Interface	RGB I/F, SPI, Mini-RGB I/F	RGB I/F, SPI, Mini-RGB I/F	MPU I/F, SPI	MPU I/F, SPI	MPU I/F, SPI	RGB I/F, SPI, Mini-RGB I/F	RGB I/F, SPI, MIPI	MPU I/F, SPI	RGB I/F, SPI, MIPI
8 Color Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Partial Display Mode	-	-	Yes	Yes	Yes	-	-	Yes	-
WVA Support	Yes	N/A	N/A	Yes	Yes	N/A	Yes	Yes	Yes
Vcom adjustment	MTP	MTP	MTP	MTP	MTP	MTP	MTP	MTP	MTP
Scrolling	-	-	Yes	Yes	Yes	-	-	Yes	-
Dynamic Backlight Control	-	-	-	-	-	-	-	-	Yes
Operation Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	COG	COG	COG	COG	COG	COG	COG	COG	COG

Landscape Driver Controller

Part Number	SSD2118	SSD2118B	SSD2119	SSD2123	SSD2125
Display Size (Source x Gate)	320RGB x 240	320RGB x 240	320RGB x 240	480 x 272RGB	272RGB x 480
RAM size (Byte)	-	-	172800	-	-
Max. Color Depth	262K	16M	262K	16M	16M
Supply Voltage for logic	1.6 ~ 3.6V	1.6 ~ 3.6V	1.4 ~ 3.6V	1.6 ~ 3.6V	1.6 ~ 3.6V
Supply Voltage for analog	2.5 ~ 3.6V	2.5 ~ 3.6V	2.5 ~ 3.6V	2.5 ~ 3.6V	2.5 ~ 3.6V
Max. Gate Output Voltage	32Vpp	32Vpp	30Vpp	32Vpp	32Vpp
Internal DC-DC Converter	-5X ~ +6X	-5X ~ +6X	-5X ~ +6X	-5X ~ +6X	-5X ~ +6X
Interface	RGB I/F, SPI	RGB I/F, SPI, CCIR I/F	RGB I/F, SPI, MPU I/F	RGB I/F, SPI	RGB I/F, SPI
8 Color Mode	Yes	Yes	Yes	Yes	Yes
Vcom adjustment	MTP	MTP	MTP	MTP	MTP
Dynamic Backlight Control	-	Yes	-	-	-
Operation Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	COG	COG	COG	COG	COG