

Source Driver

Part Number	SSD1246	SSD1211	SSD1237	SSD1232
Number of Output Channels	540 / 600 / 630 / 645	384 / 414	618 / 642	480 / 504 / 516 / 528
Gray Scale Level	64	256	64	64
Supply Voltage	2.4 ~ 3.6	2.7 ~ 3.6	2.3 ~ 3.6	2.3 ~ 3.6
Max. Output Voltage	15	16	13.5	15
Interface	Mini-LVDS	RSDS	RSDS	RSDS
Package	COF	TAB, COF	TAB, COF	COF
Application	Monitor, Notebook	TV, Monitor	Monitor, Notebook	Monitor
Features				
Max. Interface Clock Frequency	172MHz	85MHz	85MHz	85MHz
Gamma Correction	5+5 Input	9+9 Input	7+7 Input	4+4 Input
Build-in Gamma Buffer	Yes	Yes	Yes	Yes
N-Line Inversion	Yes	Yes	Yes	Yes
Dot Inversion	Yes	Yes	Yes	Yes
Cascade Function	Yes	Yes	Yes	Yes
Operation Temperature	-20 ~ +75°C	-20 ~ +75°C	-20 ~ +75°C	-20 ~ +75°C

Gate Driver

Part Number	SSD1201	SSD1204	SSD1205
Number of Output Channels	256 / 263	256	200 / 240 / 256 / 263 / 270
Max. Clock Frequency	200KHz	200KHz	200KHz
Supply Voltage	2.5 ~ 3.6	2.3 ~ 3.6	2.3 ~ 3.6
Max. Gate Voltage	40	40	40
Features			
Select Shift Direction	Yes	Yes	Yes
Cascade	Yes	Yes	Yes

Source Driver

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Format	Resolution	SSD1211		SSD1232		SSD1246		SSD1205												
		384 / 414 o/p (RSDS)	618 / 642 o/p (RSDS)	480 / 504 / 516 / 528 o/p (RSDS)	540 / 600 / 630 / 645 o/p (mini-LVDS)	SSD1201 256 / 263 o/p	SSD1204 256 o/p	200 / 240 / 256 / 263 / 270 o/p												
VGA	640RGB x 480			4																
WVGA	852RGB x 480		4			4														
SVGA	800RGB x 600			5*		4														
XGA	1024RGB x 768	8	5*	6				3	3											
XGA+	1152RGB x 768							3	3											
WXGA	1280RGB x 768	10	6	8		6		3	3											
QVGA	1280RGB x 960	10	6	8		6														
SXGA	1280RGB x 1024	10	6	8		6		4	4											
	1366RGB x 768	10		8				3	3											
SXGA+	1400RGB x 1050			8				4												
WXGA+	1440RGB x 900		7*			8														
UXGA	1600RGB x 1200			10		8														
	1680RGB x 1050			10		8														
	1920RGB x 1080																			

Remark: The number inside the box indicates the suggested number of driver used