

LCD Controller Model	Input Sampling	Input types	Output Rate	Output Types	Resolution	Special features		(Note 1) FRC	De- interlace	RoHS	Inverter Interface	Dimensions	Power
						Image Flip	Scale						
<a href="#">VP7</a>	up to 162 MHz	RGB DVI (TMDS) RS343/RS170 NTSC/PAL (option)	up to 162 MHz	1 channel TTL 2 channel TTL 1 chan LVDS 2 chan LVDS	up to UXGA	yes	yes (Note 2)	yes	yes		yes	5" x 4"	12VDC or 5VDC 5.5 Watts
<a href="#">VP7-Short</a>	up to 162 MHz	RGB DVI (TMDS) RS343/RS170	up to 108 MHz	1 channel TTL 1 chan LVDS	up to SXGA	yes	yes (Note 2)	yes	yes		yes	5.25" x 2.5"	5VDC 4 Watts
<a href="#">VP7-3ATI</a>	up to 110 MHz	RGB DVI (TMDS) RS343/RS170	up to 110 MHz	1 channel TTL 1 chan LVDS	up to SXGA	yes	yes (Note 2)	yes	yes		yes	3" x 3"	28VDC 4 Watts
<a href="#">VP4E</a>	up to 110 MHz	RGB	up to 110 MHz	1 channel TTL 1 chan LVDS	up to SXGA							3" x 3"	12VDC or 5VDC 3 Watts
<a href="#">VP9</a> (Note 4)	up to 162 MHz	RGB DVI (TMDS) RS343/RS170 NTSC/PAL (option)	up to 162 MHz	1 channel TTL 2 channel TTL 1 chan LVDS 2 chan LVDS DVI	up to UXGA	yes (Note 4)	yes (Note 2)	yes	yes		yes	8" x 6"	12VDC 10 Watts
<a href="#">VP10</a>	up to 162 MHz	RGB DVI (TMDS)x2 RS343/RS170 NTSC/PAL	up to 162 MHz	1 channel TTL 2 channel TTL 1 chan LVDS 2 chan LVDS	up to WUXGA	yes	yes	yes	yes	yes	yes	6" x 5"	12VDC 10 Watts

Notes

1. Frame Rate Conversion
2. unlimited zoom, limited to 50% shrink
3. Frame rate conversion is limited above SXGA
4. extensive video blending, including: RGB key, luma key, HSV key, alpha blend, symbology-encode alpha, blue alpha, more
5. Approximate power consumption at SVGA input / output timings, not including backlight