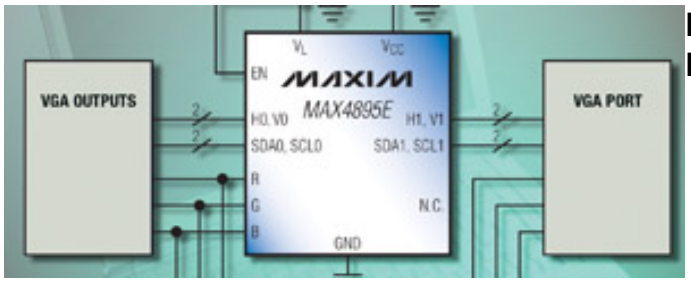
Industry's Smallest VGA Port Protector Integrates Multiple Functions



Integrating level shifting, buffering, and ESD protection, the MAX4895E, from Maxim, is purportedly the industry's smallest VGA port protector IC. HSYNC/VSYNC level-shifting buffers ensure full compatibility with VESA VSIS specifications. All video outputs are characterized for ±15kV (Human Body Model) and ±8kV (IEC 61000-4-2 Contact Discharge) ESD protection. The device features capacitance of 3pF (max) on the RGB terminals, as well as quiescent current of 5microamps (max). The IC operates from a single 5 V supply, and is specified over the -40 degrees Celsius to 85degreesCelsius extended temperature range. From $0.68 in 1,000-unit quantities.

Maxim
800-998-8800, www.maxim-ic.com [1]

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