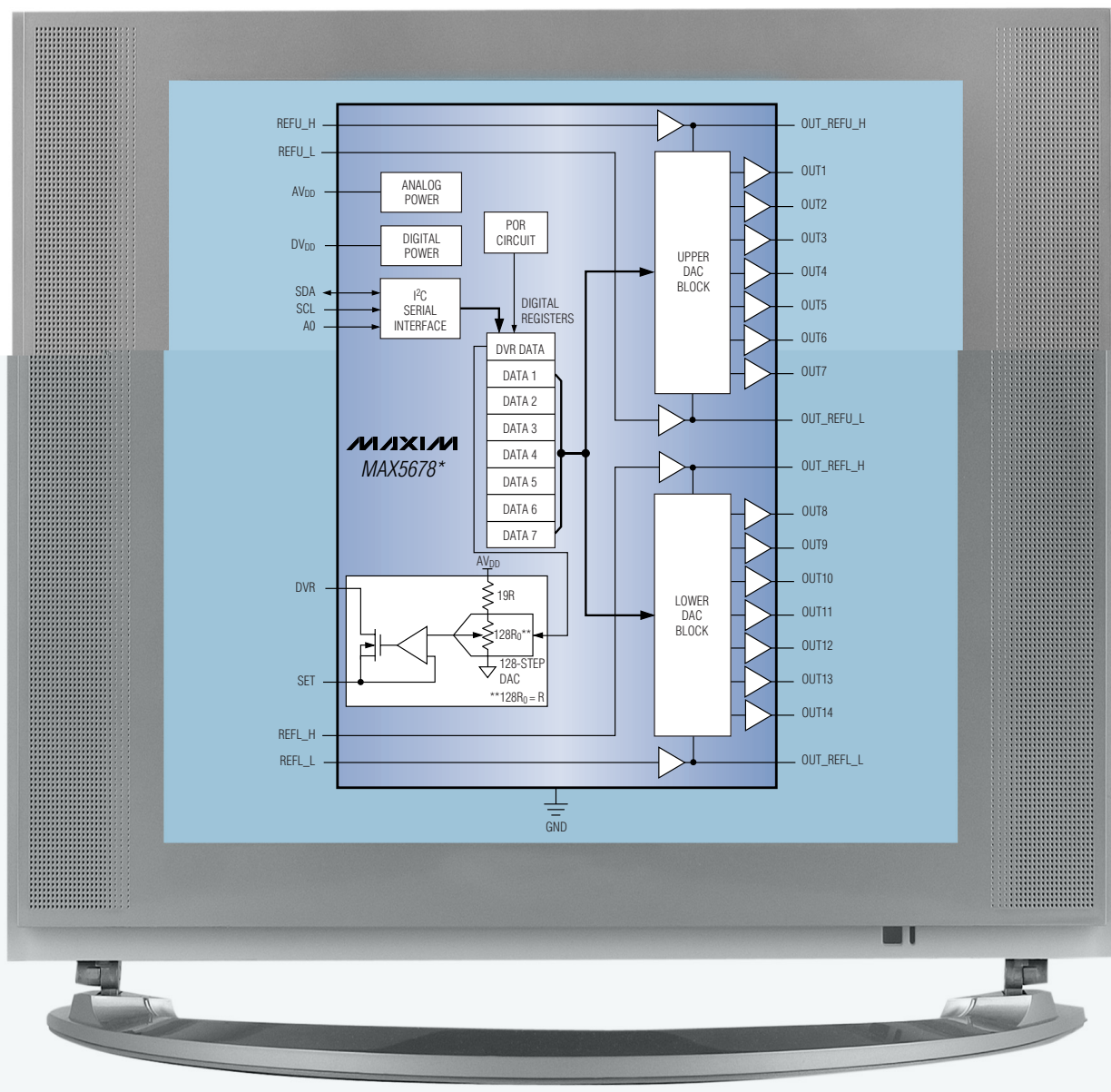


Programmable Gamma Reference Generator Integrates 18 Buffers and All LCD-Panel Calibration Functions

Integrating all LCD-panel calibration functions, the MAX5678* provides a 128-step VCOM calibrator and 18 buffered channels, including 14 channels of 8-bit programmable gamma reference voltages. Featuring an easy-to-program I²C interface, the MAX5678 enables factory or dynamic calibration of flicker level and color variances in LCD panels. A wide supply range makes it ideal for a variety of panel sizes.



- 14 Programmable and 4 Static Gamma Buffers
- 128-Step Programmable VCOM Calibrator

- 9V to 16.5V Analog Supply Range
- I²C-Compatible Serial Interface
- 5mm x 5mm, 32-Pin TQFN Package
- Custom Power-Up Voltages Available

*Future product—contact factory for availability.