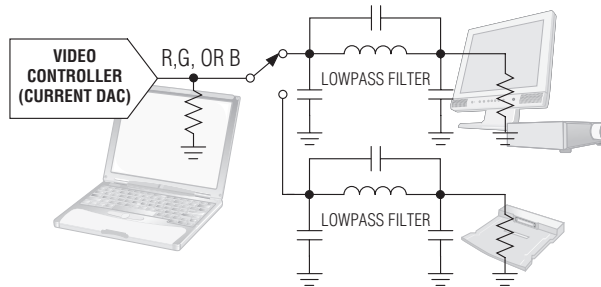


FIRST COMPLETE VGA INTERFACE SIMPLIFIES EMI ADJUSTMENT AND REDUCES COMPONENT COUNT BY 90%

**Integrated Output Buffers Eliminate the Need for Analog Switches—
Simultaneously Drive Two External Loads Without Stub Reflections**

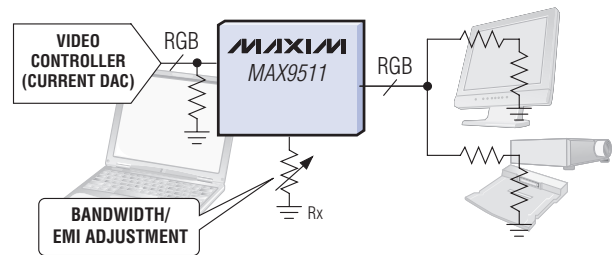
CONVENTIONAL WAY = LC FILTERS

- DRIVES ONLY ONE CHANNEL
- REQUIRES ANALOG SWITCH TO DRIVE TWO LOADS

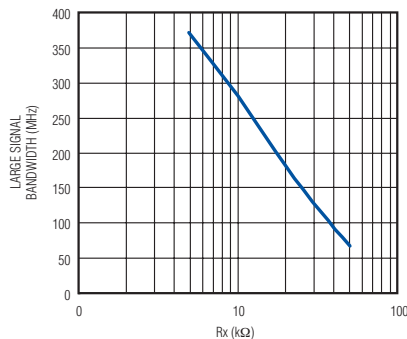


NEW WAY = MAX9511

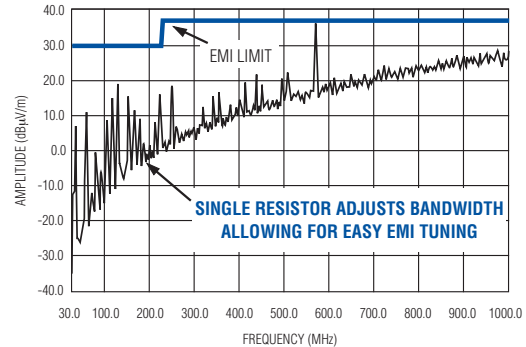
- DRIVES ALL THREE CHANNELS
- DOES NOT REQUIRE ANALOG SWITCH TO DRIVE TWO LOADS



LARGE SIGNAL BANDWIDTH vs. R_x



EMI REDUCTION USING MAX9511



- ◆ Saves Cost and Board Space by Eliminating Up to 34 Discrete Components
- ◆ Adjustable Slew Rate Simplifies EMI Tuning
- ◆ Integrates H and V Sync Drivers and Full DDC Support

- ◆ Output Buffers Eliminate Analog Switches by Isolating the GPU from the VGA Connector and Docking Station—Simultaneously Drive Two Loads Without Stub Reflections

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