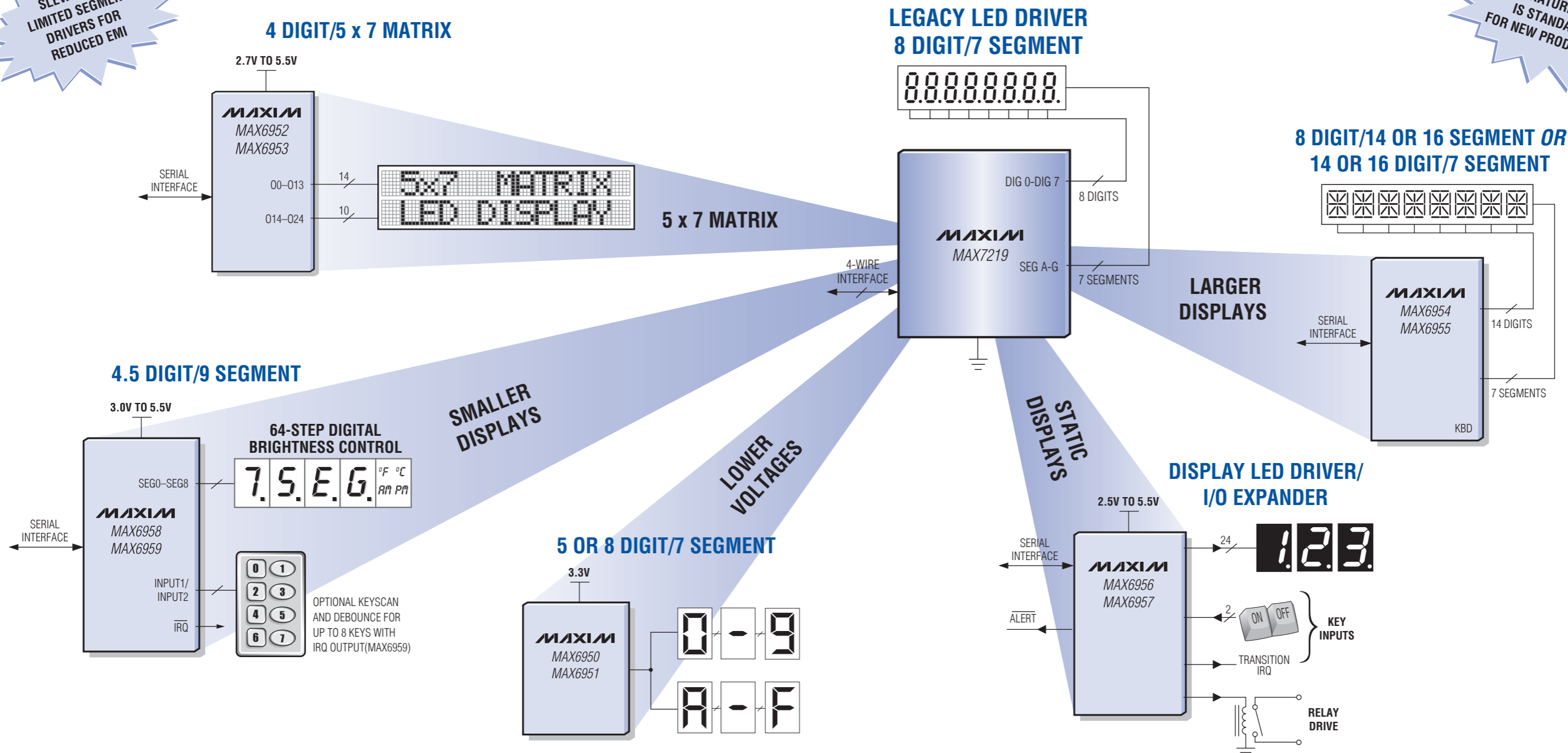


LED DISPLAY DRIVERS SIMPLIFY SOFTWARE, SPEED DEVELOPMENT, AND SAVE POWER

Interface Directly to Main μ P with Integrated Multiplex Engine, Digital Brightness Control, Blink, and Fonts—Eliminate the Need for a Separate Front-Panel μ C

SLEW-RATE-LIMITED SEGMENT DRIVERS FOR REDUCED EMI

-40°C TO +125°C TEMPERATURE RANGE IS STANDARD FOR NEW PRODUCTS!



Part	Interface (Hz)	Supply (V)	Display Type	Total No. of LEDs	Fonts	Applications	Package
MAX6950	26M SPI™	2.7 to 5.5	5 digit/7 segment + DP	40	Hex	Panel meters, set-top boxes, white goods, cell phones	16-QSOP
MAX6951	26M SPI	2.7 to 5.5	8 digit/7 segment + DP	64	Hex		
MAX6952/MAX6953	26M SPI/400k I ² C†	2.7 to 5.5	4 digit/5 x 7 matrix	140	104 fixed plus 24 user-definable characters	Audio/video and industrial equip., message boards	40-DIP/36-SSOP
MAX6954/MAX6955	26M SPI/400k I ² C	2.7 to 5.5	16 digit/7 segment + DP 8 digit/14 or 16 segment + DP	128	104 fixed plus 24 user-definable characters	Audio/video, set-top boxes, white goods	40-DIP/36-SSOP
MAX6956/MAX6957	400k I ² C/26M SPI	2.7 to 5.5	Static (any type)	20 or 28	—	Automotive and industrial equip., panel meters	28-DIP/SSO 40-DIP/36-SSOP
MAX6958/MAX6959	400k I ² C	3 to 5.5	4.5 digit/7 segment + DP	36/32	Hex	Audio/video and industrial equip., vending machines	16-DIP/QSOP
MAX7219	10M, 4-wire serial	4 to 5.5	8 digit/7 segment + DP	64	Code 8	Panel meters	24-PDIP/SO

†I²C is a trademark of Philips. Purchase of I²C components from Maxim Integrated Products, Inc., or one of its sublicensed Associated Companies, conveys a license under the Philips I²C Patent Rights to use these components in an I²C system, provided that the system conforms to the I²C Standard Specification as defined by Philips. SPI is a trademark of Motorola, Inc.



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