


NCV7685

12 60 mA LED I2C

NCV7685 LED NCV7685 I2C (PWM) 128 PWM 1200 Hz I2C 2 1 mA 3.3 V LED SSOP24-EP

- 12 Common Current Programmable Sources up to 60 mA
 - Independent PWM Duty Cycle Control for each Channel via PC
 - Common PWM Duty Cycle Control via I2C
 - On-Chip 150, 300, 600 and 1200 Hz PWM
 - Open LED String Diagnostics
 - Low Dropout Operation for Pre-Regulator Applications
 - Single Resistor for Current Set Point
 - Voltage Reference 3.3 V/1 mA
 - 8 Bits I2C Interface with CRC8 Error Detection
 - OTP Bank for Stand-Alone Operation (2 Configurations)
For more features, see the data sheet
- Entry Level LED Tail Lights. NCV7685 used without MCU
 - Option Level LED Tail Lights with Sequential Turn Indicator. NCV7685 controlled by Low End MCU
 - High End Pixelized LED Tail Light with Full Animation Capabilities
 - Turn Signal and Other Externally Modulated Applications
 - RGB LED driver (4 x RGB per NCV7685)
 - Exterior Lighting (Low Power)
 - Interior Lighting

	Pricing (\$/Unit)	Compliance	Status	V _I Max (V)	I _O Max (mA)	LEDs in Series, Max #	LEDs in Parallel, Max #	Package Type
NCV7685DQR2G	0.9381		Active		60	4	12	SSOP-24 NB EP