Reference Designs

Product Category	Product	Name	Description	Order Code
Reference Design				
	VDRM (171021501)	MagI³C LED Driver	V_{IN}: 7−24 V; V_{OUT}: up to 15 V; I_{OUT}: 1.5 A	178 001
		MagI³C Power Supply	V_{IN}: 7−36 V; V_{OUT}: 0−15 V; I_{OUT}: 0−2.5 A	178 002
		MagI³C Current Sharing	V_{IN}: 7−50 V; V_{OUT}: 2.5−15 V; I_{OUT}: 0−5 A	178 003
	VDRM (171031801)	MagI³C Current Source	V_{IN}: 4−18 V; V_{OUT}: 1.45−14.4 V; I_{OUT}: 0−3 A	178 004
	LDHM (172946001)	MagI³C Multi Color LED Driver	V_{IN}: 18−48 V; V_{OUT}: 1.8−V_{IN}; I_{OUT}: up to 450 mA	178 005 0

MagI³C Power Supply – 178002

7−36 V_{IN} / 0−2.5 A / 0−15 V_{OUT}

- Can be used as a constant current source
- Current and voltage dynamically adjustable by external microcontroller (using PWM)
- Designed for battery charger, super cap charger and high power LED driver applications
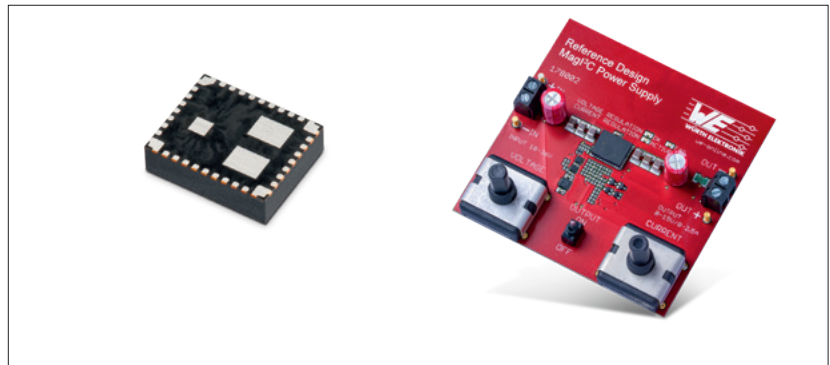
Current Source – 178004

4−18 V_{IN} / 0−3 A / 0−17 V_{OUT}

- Current dynamically adjustable by external microcontroller (using PWM)
- Voltage limit (end of charge voltage) can be individually selected by jumper
- Designed for battery charger, super cap charger and high power LED driver applications
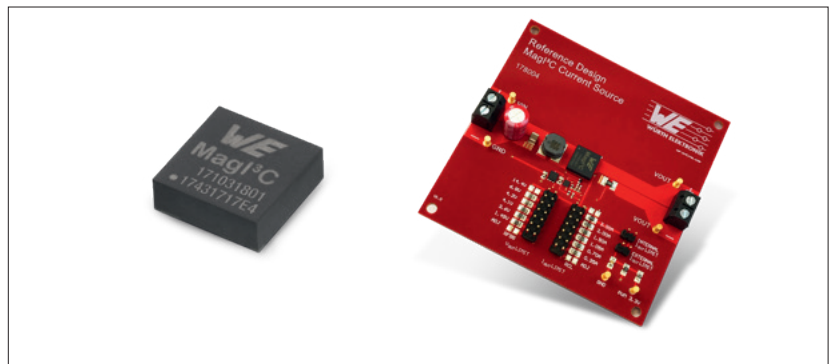
Multi Color LED Driver – 1780050

18−48 V_{IN} / 0−0.45 A / 0−48 V_{OUT}

- 4 channel LED driver
- Dimming can be set by Bluetooth® with IOS app "WEilluminate"
- Intensity of each channel can be adjusted individually (dimming 0−100 %)
- Designed for horticulture lighting, mixing of white color temperatures, mixing of RGBW (red, green, blue, white) applications

Power Modules