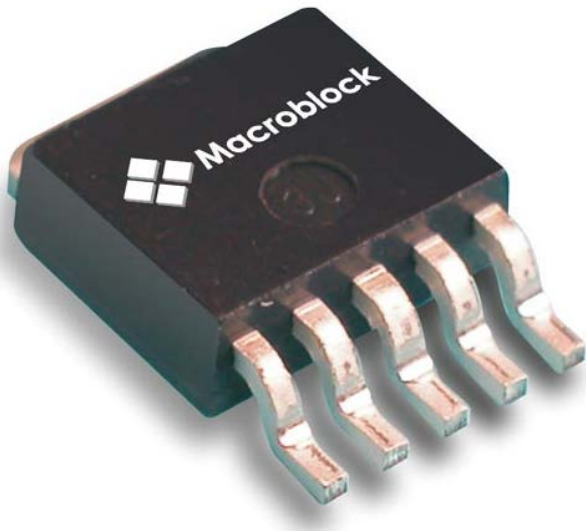


DC/DC converters from Macroblock



Industry-standard devices on short lead-time

Macroblock is the leading supplier of mixed signal ICs for the LED lighting industry worldwide. With a reputation for innovation and reliability Macroblock ICs can be found in a wide variety of applications in prestigious municipal installations. These buck (step-down) converters from Plus Opto feature high efficiency, low on-resistance and a range of safety features in industry-standard packages.

Features

- Advanced protection features (UVLO, OTP, OCP)
- Wide input voltage range
- Constant current, dimmable output
- High efficiency
- Available packages: TO252, SOP8, SOP10, MSOP8, SOT89, SOT23, DFN10
- Low on-resistance
- Eval Boards available
- Equivalent to many industry-standard devices
- AEC-Q100 qualified for automotive applications (selected types)

No availability issues:

Stock to 6 weeks lead-times

Applications

- Flood light
- PAR Light
- Wall Wash, Stage lighting
- High Power LED Lighting

Product No.	Topology	Max. Output Current per Channel	Max. Sustaining Voltage	Supply Voltage	Switch on Resistance (typ.)
MBI6651	Buck / Hysteretic PFM	1A	40V	9~36V	0.45Ω
MBI6652	Buck / Hysteretic PFM	750mA	32V	6~30V	0.45Ω
MBI6653	Buck	1A	40V	4.6~65V	0.3Ω
MBI6655	Buck / Hysteretic PFM	1A	40V	6~36V	0.3Ω
MBI6656	Buck / Hysteretic PFM	1A	45V	6~40V	0.3Ω
MBI6657	Buck / Hysteretic PFM	1.2A	45V	6~40V	0.25Ω
MBI6658	Buck / Hysteretic PFM	2A	36V	4.5~32V	0.12Ω
MBI6660	Buck / Hysteretic PFM	500mA	75V	9~60V	0.35Ω
MBI6661	Buck / Hysteretic PFM	1A	75V	9~60V	0.35Ω
MBI6662	Buck / Adaptive PFM	2A	75V	5~60V	0.2Ω
MBI6663	Buck / Hysteretic PFM	1A	75V	6~65V	0.3Ω

[More Information>>>](#)



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