

New

Product Brief

PicoBK™ MYRG series

PicoBK™ Power Module

Small size, high efficiency & low noise

Decription

Low-power offering integrates an inductor with a control IC for applications where space is at a premium. Small modules have low quiescent current which is preferred for battery powered applications.

Applications

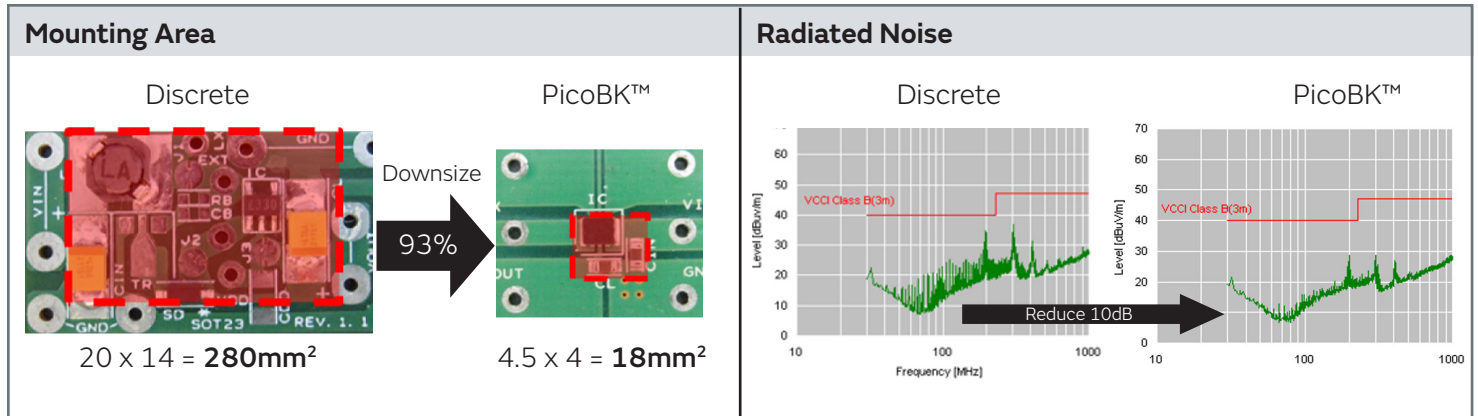
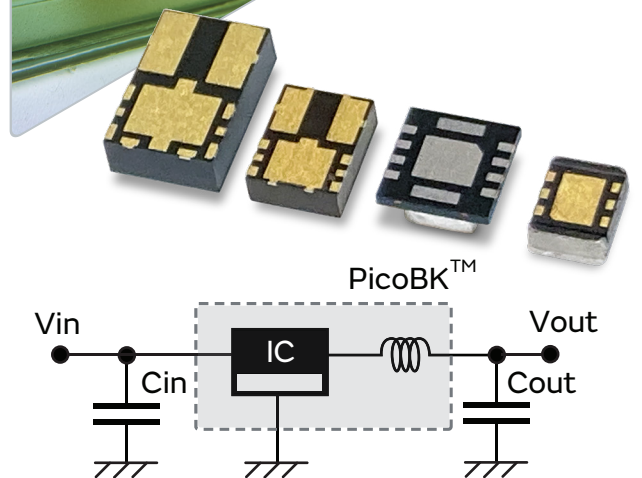
- Bluetooth® / Bluetooth low-energy (BLE)
- Wi-Fi®
- NFC
- GPS
- Camera
- Display
- Sensors

Consumables

- Wearable
- Digital camera
- Security camera
- Headset
- Mobile communication unit
- SSD (solid state drive)
- OTM (optical transceiver module)
- Server / router

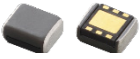
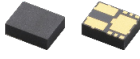
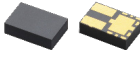


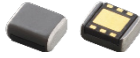
Comparsion

Discrete vs PicoBK



Features

- MYRxP series: Small package size
- MYRGM series: High current
- MYRGC series: Wide-voltage range

Type	Series	Image	Load Current	L xW x T (mm)	Input Voltage (V)	Output Voltage (V)	Remarks
Buck	MYRGP-W		<1.0A	2.5 x 2.0 x 1.0	2.5 to 5.5V	0.8 to 3.6V (Output pre-set in 50mV increments)	Fixed PWM
	MYRGP-B						PWM/PFM auto switching
	MYRGM-W		<1.5A	3.2 x 2.5 x 1.0	2.7 to 5.5V	0.8 to 3.6V (Output pre-set in 50mV increments)	Fixed PWM
	MYRGM-B						PWM/PFM auto switching
	MYRGM-X		<2.0A	4.7 x 3.1 x 1.35	2.7 to 6.0V	0.9 to Vin (Output user adjustable with set resistors)	Fixed PWM
	MYRGM-C						PWM/PFM auto switching
	MYRGC-PQ		<0.5A	3.0 x 3.0 x 1.7	3.0 to 18.0V	1.0 to 15.0V (Output user adjustable with set resistors)	Fixed PWM & OCP latch / auto-switching
	MYRGC-RS						PWM/PFM auto switching & OCP latch / auto switching
	MYRGC-W		<0.6A	3.0 to 36V	1.0 to 5.0V (Output user adjustable with set resistors)	Fixed PWM	
	MYRGC-B					PWM/PFM auto switching	
Boost	MYRBP-W		<0.8A (input current)	2.5 x 2.0 x 1.0	0.65 to 6.0V	2.2 to 5.5V (Output pre-set in 100mV increments)	PWM, bypass Sswitch
	MYRBP-B						PWM/PFM auto switching bypass switch
Negative	MYRNP-W		<0.3A	2.5 x 2.0 x 1.0	2.7 to 5.5V	-1.2 to -6.0V (Output user adjustable with set resistors)	Fixed PWM
	MYRNP-B						PWM/PFM auto switching

[Explore our full power conversion offering >](#)