

高度なパッケージング技術

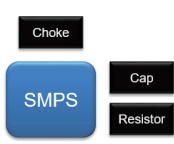
省スペース

Linear Regulators



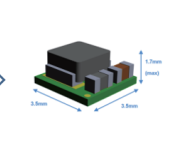
- > Low efficiency
- > Large size

Switching Regulators

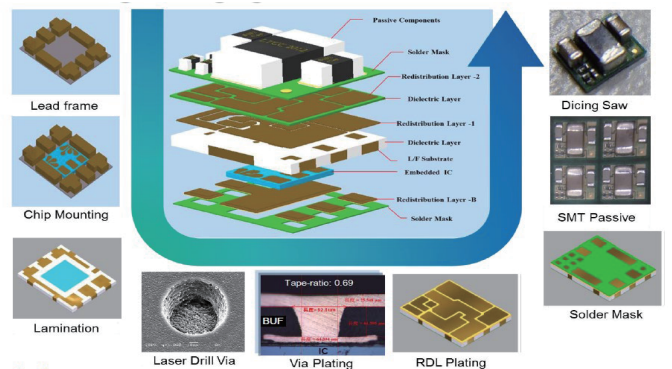


- > High efficiency
- > More components
- > More optimization effort

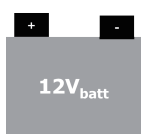
POL Power Modules



- > High efficiency
- > Integrated passives
- > Optimized EE and thermal performance



異なるトポロジーによる幅広いアプリケーション



Inductor-integrated miniaturized DC-DC converter

- Boost
- Buck
- SEPIC
- Buck-boost



Part Number	Size (mm)	Freq.	Vin	Vout	Iout
VUN12AD01-SH	3.5X3.5X1.7	0.42MHz	4.5-28.0V	3.0-8.5V	1.0Amp
VUN12AD02-KM	6.0X6.0X3.5	0.43MHz	4.0-36.0V	0.9-8.0V	2.0Amp
VUN12AD02-KMH	6.0X6.0X2.6	2.1MHz	4.0-36.0V	0.9-8.0V	2.0Amp
VUN12AD03-KM	6.0X6.0X3.5	0.43MHz	4.0-36.0V	0.9-5.0V	3.0Amp

電流検出抵抗

Welding Type (VSML Series)

Size	1206	2512	2726	3922
Resistance	1 - 10 mΩ	0.3 - 10 mΩ	0.2 - 0.5 mΩ	0.2 - 4 mΩ
Power Rating	max to 1.5W	max to 6W	max to 12W	max to 9W