
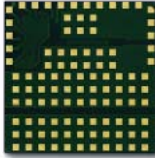



# LMZ Family of SIMPLE SWITCHER® Power Modules

## Power module packaging vs. other modules

	National Package	Competing LGA Package	Competing Open-Frame Package
			
Ease of Prototyping and Manufacturing	Yes	No	No
Theta JA	20°C/W	25°C/W	Not Specified (Recommended Airflow)
Passes CISPR22 Class B Radiated EMI Standard	All Devices	Some	Not Tested or Guaranteed
Shielded Inductor	All Devices	Some	Yes
Peak Efficiency at 5V <sub>IN</sub> to 1.5V <sub>OUT</sub>	~92%	~87%	~90%
Peak Efficiency at 24V <sub>IN</sub> to 3.3V <sub>OUT</sub>	~86.5%	~84%	~81%
Encapsulated	Yes	Yes	No
Leads to Offer Stress Relief in Temperature Varied Conditions	Yes	No	No
Package Height	4.57 mm	2.82 mm	9 mm