

SIMPLE SWITCHER

Easy-to-use tools. Simple solutions.

3.3V and 5V Input Rail Devices

Device	Output Current	Input Voltage	Output Voltage	Output Voltage Ripple (3.3V to 1.2V)	Peak Efficiency (3.3V to 1.2V)	Package Dimensions (including leads)	EMI Certification
LMZ10505	5A	2.95V to 5.5V	0.8V to 5V	10 mV pk-pk	91%	7-pin TZA; 10.16 x 13.77 x 4.57 mm	EN55022 (Class B)
LMZ10504	4A	2.95V to 5.5V	0.8V to 5V	10 mV pk-pk	91%	7-pin TZA; 10.16 x 13.77 x 4.57 mm	EN55022 (Class B)
LMZ10503	3A	2.95V to 5.5V	0.8V to 5V	8 mV pk-pk	90.7%	7-pin TZA; 10.16 x 13.77 x 4.57 mm	EN55022 (Class B)

12V Input Rail Devices

Device	Output Current	Input Voltage	Output Voltage	Output Voltage Ripple (12V to 3.3V)	Peak Efficiency (12V to 3.3V)	Package Dimensions (including leads)	EMI Certification
LMZ12003	3A	4.5V to 20V	0.8V to 6V	25 mV pk-pk	90%	7-pin TZA; 10.16 x 13.77 x 4.57mm	EN55022 (Class B)
LMZ12002	2A	4.5V to 20V	0.8V to 6V	18 mV pk-pk	90.5%	7-pin TZA; 10.16 x 13.77 x 4.57mm	EN55022 (Class B)
LMZ12001	1A	4.5V to 20V	0.8V to 6V	13 mV pk-pk	90.5%	7-pin TZA; 10.16 x 13.77 x 4.57mm	EN55022 (Class B)

24V Input Rail Devices

Device	Output Current	Input Voltage	Output Voltage	Output Voltage Ripple (24V to 3.3V)	Peak Efficiency (24V to 3.3V)	Package Dimensions (including leads)	EMI Certification
LMZ14203	3A	6V to 42V	0.8V to 6V	29 mV pk-pk	86.5%	7-pin TZA; 10.16 x 13.77 x 4.57mm	EN55022 (Class B)
LMZ14202	2A	6V to 42V	0.8V to 6V	20 mV pk-pk	87%	7-pin TZA; 10.16 x 13.77 x 4.57mm	EN55022 (Class B)
LMZ14201	1A	6V to 42V	0.8V to 6V	17 mV pk-pk	87%	7-pin TZA; 10.16 x 13.77 x 4.57mm	EN55022 (Class B)

SIMPLE SWITCHER® Power Modules Nomenclature

