



## Step Down Regulators and Controllers Selection Guide

Input Voltage Output Current	2.5V to 5.5V	4.5V to 18V	4.5V to 22V	4.5V to 24V	8V to 32V
≤1A	NX4108 (2.8V) NX4110 (2.8V) LX7172 LX7186A LX7188	LX7104 NX7101 (4.75V)	NX9415 (8V)	NX2124/A NX2838 (8V)	NX2838
≤2A	LX7172 (1.2A) LX7167A (3V)	LX7104 NX7101 (4.75V) NX9415 (8V)	NX9415 (8V)	NX2124/A NX2838 (8V)	NX2838
≤3A	LX7167A (3V,2.4A) LX7169 (3V) LX7175 (3V) LX7176 (3V)	NX7102 (4.75V) NX9415 (8V)	NX9415 (8V)	NX2124/A NX2838 (8V)	NX2838
≤5A	LX7176A (3V, 4A) LX7180A (3V, 4A) LX7165 (3V)	NX9415 (8V)	NX9415 (8V)	NX2124/A NX2838 (8V)	NX2838
≤8A		NX9548 (20V) LX9610 (8V)	NX9548 (20V) LX9610 (8V)	NX2124/A NX2838 (8V)	NX2838
≥10A		LX9610 (8V) NX2124/A NX2138 NX2139A NX2147 NX2155H (8V) NX2838 (8V) LX1752	LX9610 (8V) NX2124/A NX2138 NX2139A NX2147 NX2155H (8V) NX2838 (8V) LX1752	NX2124/A NX2838 (8V) LX7302	NX2838 LX7302 (26V)
≥20A		NX2124/A NX2155H (8V) NX2837 (9V) LX7302 NX2423 LX1675	NX2124/A NX2155H (8V) NX2837 (9V) LX7302 NX2423 LX1675	NX2124/A LX7302 LX1675	

NOTE: *Regulators, Controllers, Power Module*, output voltage from 0.9V to 3.3V for all above listed devices