

XILINX FPGAs	Microsemi Step Down Switchers							
	Output Voltage	Input Voltage	Output Current					
			≤1A	≤2A	≤3A	≤7A	>10A	>20A
Virtex [®] -7/6 Kintex [™] -7 Artix [™] -7	0.9V	2.8V to 5.5V	NX4108 NX4110	LX7172 LX1918 LX7167(3.0V)	LX7169(3.0V)			
		4.5V to 18V		LX7104 LX7101(4.75V)	NX7102(4.75V)	NX9415*(8V) NX9548*	LX9610*(8V) NX2423* NX2138* NX2147* NX2155H*(8V)	LX1752* NX2837*(9V)
		2V to 24V		LX3005*(4.75V)			NX2124/A*	LX1675 NX2139A NX2838*
Virtex [®] -7/6/5 Kintex [™] -7 Artix [™] -7 Spartan [®] -6	1.0V	2.8V to 5.5V	NX4108 NX4110	LX7172 LX1918 LX7167(3.0V)	LX7169(3.0V)			
		4.5V to 18V		LX7104 LX7101(4.75V)	NX7102(4.75V)	NX9415*(8V) NX9548*	LX9610*(8V) NX2423* NX2138* NX2147* NX2155H*(8V)	LX1752* NX2837*(9V)
		2V to 24V		LX3005*(4.75V)			NX2124/A*	LX1675 NX2139A NX2838*
Spartan [®] -6/3	1.2V	2.8V to 5.5V	NX4108 NX4110	LX7172 LX1918 LX7167(3.0V)	LX7169(3.0V)			
		4.5V to 18V		LX7104 LX7101(4.75V)	NX7102(4.75V)	NX9415*(8V) NX9548*	LX9610*(8V) NX2423* NX2138* NX2147* NX2155H*(8V)	LX1752* NX2837*(9V)
		2V to 24V		LX3005*(4.75V)			NX2124/A*	LX1675 NX2139A NX2838*
CoolRunner [™] -II	1.8V	2.8V to 5.5V	NX4108 NX4110	LX7172 LX1918 LX7167(3.0V)	LX7169(3.0V)			
		4.5V to 18V		LX7104 LX7101(4.75V)	NX7102(4.75V)	NX9415*(8V) NX9548*	LX9610*(8V) NX2423* NX2138* NX2147* NX2155H*(8V)	LX1752* NX2837*(9V)
		2V to 24V		LX3005*(4.75V)			NX2124/A*	LX1675 NX2139A NX2838*

NOTE: Regulators, Controllers, Power Module, (x.xV) = Minimum input voltage x.xV, **Maximum input voltage can be higher than the boundary listed