

DC / DC Switching Regulators

Part Number Package	Description	Iout	Vin Range	Vref	Features
NX4108 SOT23-5L	1Amp , 1MHz Synchronous Switching Regulator	1A	2.7V to 5.5V	0.6V	Enable
NX4110 SOT23-5L	1Amp, 1MHz Synchronous Switching Regulator	1A	2.7V to 5.5V	0.6V	Power good
LX13088 3x3 DFN-10L	Dual 1 Amp, 1.3MHz Synchronous Switching Regulator	1A	4V to 5.5V	1.0V	Power good, PFM mode
LX1918 3x3 MLP-8L	1.8Amp Step Down Synchronous Converter	1.8A	2.7V to 6V	0.6V	PFM, external sync
LX13045A 3x3 -MLP-6L	2 Amp, 1.3MHz Synchronous Switching Regulator	2A	4V to 5.5V	0.5V	Power good
LX3005 SOIC-8	2 Amp, 420kHz, Non-synchronous Switching Regulator	2A	6V to 25V	0.8V	Enable
NX7101 SOIC-8	2 Amp, 340kHz, 18V Synchronous Switching Regulator	2A	5V to 18V	0.975V	Enable, adjustable soft start
NX7102 SOIC-8, EXP	3 Amp, 340kHz, 18V Synchronous Switching Regulator	3A	5V to 18V	0.8V	Enable, adjustable soft start
NX9415 4x4 QFN-24L	5 Amp, 2MHz, 22V Synchronous Switching Regulator	5A	8V to 22V	0.8V	Power good, adjustable frequency
NX9511B 5x5 QFN-32L	8 Amp, 1MHz Synchronous Switching Regulator	8A	4.5V to 24V	0.8V	Enable, latched ocp
NX9548 5X5 QFN-32L	8 Amp, PFM Mode Notebook Switching Regulator	8A	4V to 22V	0.75V	Enable, PFM mode with Constant On-Time Approach



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DC / DC Switching Controllers

Part #	Description	Package	Vin min	Vin max	Single Supply Operation (Note 1)*	OCP Type	Freq (Each CH)	Ext Sync	Soft Start Type	Vin Adj UVLO	Micro Power SD	PFM	Pgood
LX1675	Triple Synchronous Controller with LDO Controller	QFN 5x7-38L	4.5	24	Yes	Adj with Hiccup	Fix 300kHz 600kHz	Y	External Adj	N	N	N	N
LX1752	Dual Synchronous Controller	QFN 4x5-28L	4.5	24	Yes	Adj with Hiccup	Adj 800kHz	Y	External Adj	N	N	N	N
NX2114/NX2114A	Single Synchronous Controller	SO8	3	24	No*	FB UVLO	Fix 300kHz 600kHz	N	Digital Internal	N	N	N	N
NX2116B	High Frequency Single Synchronous Controller	QFN 3x3-16L	3	24	No*	Adj with latch	Fix 1MHz	N	Digital Internal	Y	N	N	Y
NX2124/NX2124A	Single Synchronous Controller	SO8	3	24	No*	Fixed with Hiccup 2124=360mV, 2124A=450mV	Fix 300kHz	N	Digital Internal	N	N	N	N
NX2138	Single PFM Synchronous Controller	QFN 4x4-16L	5.5	22	No*	Adj with latch	Adj 500kHz	N	Digital Internal	N	Y	Y	Y
NX2139A	Single PFM Synchronous Controller and LDO Controller	QFN 3x3-16L	5.5	22	No*	Adj with latch	Adj 500kHz	N	Digital Internal	N	Y	Y	Y
NX2147	Single PFM Synchronous Controller with Dynamic Voltage Adj	QFN 3x3-16L	5.5	22	No*	Adj with latch	Adj 500kHz	N	Digital Internal	N	Y	Y	Y
NX2154	Single High Voltage Synchronous Controller	SO8	3	40	No*	Fixed with Hiccup	Fix 300kHz	N	Digital Internal	N	N	N	N
NX2155H	Adjustable High Frequency Single Synchronous Controller	MSOP-10L	8	22	Yes	Adj with Hiccup	Adj 2MHz	N	Digital Internal	N	N	N	N
NX2305	Single Synchronous Controller and LDO Controller with Independent Soft Start	SOIC-16L	7	15	Yes	Adj with Hiccup	Fix 300kHz	N	Digital Internal	Y	N	N	Y
NX2423	Two Phase High Frequency Synchronous Controller	QFN 4x4-24L	3	24	Yes	Adj with Hiccup	Adj 800kHz	N	Digital Internal	N	N	N	Y
NX2601	Dual Synchronous Controller and LDO Controller	QFN 5x5-32L	7	24	Yes	Adj with Hiccup	Adj 800kHz	N	Digital Internal	Y	N	N	N
LX2749	Single Synchronous Controller with Adj Frequency and LDO Controller	SOIC-14L	10	16	Yes	Fixed with Hiccup	Adj 1.5MHz	N	Digital Internal	N	N	Y	N
LX2750	Single Synchronous Controller with Adj Frequency, Adj OCP, Pgood and LDO Controller	QFN 3x3-16L	10	16	Yes	Adj with Hiccup	Adj 1.5MHz	N	Digital Internal	N	N	Y	Yes For SW Reg
NX2837	Fixed 5V Single Synchronous Controller + 3.3V/500mA LDO	MSOP-10L	9	22	Yes	Fixed with Hiccup	Fix 350kHz	N	Digital Internal	N	N	N	Yes For LDO
NX2838	Adj HF Single Synchronous Controller + 3.3V/500mA LDO	QFN 3x3-16L	8	30	Yes	Adj with Hiccup	Adj 1MHz	N	Digital Internal	N	N	N	Yes For LDO

Note 1* : "No" indicates product requires a separate 5V biasing supply



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