

Advanced Sensor Integrations Step-Up DC/DC Converter Product Series

Product Name	Ver.	Control	Input Voltage Range	Output Voltage Range	Voltage Accuracy *1	Frequency	Output Tr.	Lx Current Limit*2	UVLO	Soft Start	Protection Circuit	Features, Remarks	Package
AS3500RK	xx1x	VFM	0.75V to 8.0V	2.0V to 5.5V	±2.5%	MAX.100kHz	Internal						
	xx2A		0.7V to 8.0V				External						SOT-23-5
AS3210N	xx1x	PWM	0.9V to 8.0V	2.2V to 6.0V	±2.5%	100kHz(A/C)180k Hz (D)	Internal					AS3210N xx1A with frequency change-over circuit only. (Output voltage range: 2.2V to 3.5V)	
AS3210N	xx2x		0.8V to 8.0V				External			Δ*3			SOT-23-5
AS3213K	001A	PWM	2.3V to 5.5V	Ext. adjustable (3.0V to 6.0V)	±8mV	1MHz	Internal	2.5A	Yes	Yes (Ext. adjustable)	Latch type	Input to output path disconnected by external P-channel MOSFET controlled by FLAG pin. Thermal	DFN(PLP)2730-12
	001B			Ext. adjustable (6.0V to 15.0V)									
AS3400x	xx1A	PWM/VFM Auto Switching	0.7V to 5.5V	1.8V to 5.0V or Ext. adjustable (only DFN)	±2%	700kHz	Internal	600mA *4	—	Yes	—	Built-in Anti-ringing switch.	DFN(PLP)1820-6 SOT-23-5
AS3400x	xx1B												
AS3400x	xx1C		1.2V to 5.5V										
AS3401x	xx1A	PWM, PWM/VFM Auto Switching	0.6V to 5.5V	1.8V to 5.5V							Latch type	Selectable PWM or PWM/VFM auto switching mode by MODE pin.	DFN(PLP)1820-6
	xx1B												
	xx1C	PWM/VFM Auto Switching		1.8V to 5.5V or Ext. adjustable (only DFN)	±2%	1.2MHz	Internal	1A*4	—	Yes	—		DFN(PLP)1820-6 SOT-23-5
	xx1D	PWM											