

# YoBon Product List for Step-Up Power IC

## Step-Up Converter & WLED Driver

Part No.	Description	Vin	Peak Current	OVP	LED No. (Max.)	Feedback Voltage	Frequency	PKG
YB1500	Asynchronous Boost Controller/Converter	1.0V~5.0V	1.5A	N.A.	N.A.	1.23V	1.0MHz	SOT23-6
YB1501	Synchronous Boost Converter	0.8V~4.4V	900mA	N.A.	N.A.	1.23V	1.4MHz	SOT23-6
YB1503	3W High Power WLED Driver	0.9V~V <sub>F</sub> -0.2V	2A	N.A.	1S ( 3 Watt LED )	95mV	1.0MHz	SOT23-6
YB1517	PWM High-Voltage White LED driver	2.7V~16V	420mA	30V	6S	220mV	900KHz	SOT23-5
YB1518	PWM High-Voltage White LED driver	2.7V~7V	650mA	34V	9S 6S X 2P	100mV	930KHz	SOT23-5
YB1520	PWM High-Power White LED driver	2.7V~7V	450mA	30V	3S x 2P to 3S x 6P	200mV	700KHz	SOT23-5
YB1521	PWM High-Power White LED driver	2.5V~5.5V	1.6A	18V	up to 3S x 15P	200mV	1.3MHz	SOT23-5 DFN-8 2x2
YB1522	PWM High-Power White LED driver	3.0V~16V	900mA	30V	3S x 7P to 3S x 10P	100mV	930KHz	SOT23-5
YB1531	PWM White LED driver	2.7V~5.5V	1.5A	40V	10S and up 3Sx9P	200mV	1.0MHz	DFN-8 2x2
YB1571	1.5A, 280kHz, Boost Regulator	2.7V~30V	1.5A	N.A.	Vout up to 40V	1.276V	280KHz	SOP-8
YB1590 YB1591	1.7A/2.5A PWM Step-Up DC/DC Converter	2.7V~5.5V	1.7A 2.5A	12V	N.A.	1.24V	700KHz / 1.3MHz	MSOP-8
YB9271	VFM Step-up DC/DC Converter	0.85~7V	>60mA	NA	NA	NA	120KHz	SOT89 SOT23-5