

















Laser Driver Selection Guide







June 24th, 2013

Part Number	Picture	Description	V <sub>IN</sub> Range	Max. I <sub>OUT</sub>	V <sub>OUT</sub> Range	Output Stage Type	Control Mode	Size (mm)	Package Type	Eval. Board Avail.	Note
<a href="#">CWD-01-V2-D</a>		High efficiency	3.0V to 5.5V	2A	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5	DIP	NO	
<a href="#">ATLS6A201D</a>		High efficiency	3.0V to 5.5V	6A	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5	DIP	NO	Same pinout as CWD-01-V2-D
<a href="#">ATLS4A201D</a>		High efficiency	3.0V to 5.5V	4A	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5	DIP	NO	Same pinout as CWD-01-V2-D
<a href="#">ATLS3A201D</a>		High efficiency	3.0V to 5.5V	3A	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5	DIP	NO	Same pinout as CWD-01-V2-D
<a href="#">ATLS2A201D</a>		High efficiency	3.0V to 5.5V	2A	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5.0	DIP	NO	Similar pinout as CWD-01-V2-D
<a href="#">ATLS1A201D</a>		High efficiency	3.0V to 5.5V	2A	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5.0	DIP	NO	Similar pinout as CWD-01-V2-D
<a href="#">ATLS4A202D</a>		High efficiency	3.0V to 5.5V	4A	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5	DIP	NO	Similar pinout as CWD-01-V2-D





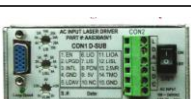



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<a href="#">ATLS3A202D</a>		High efficiency	3.0V to 5.5V	3A	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5	DIP	NO	Similar pinout as CWD-01-V2-D
<a href="#">ATLS2A202D</a>		High efficiency	3.1V to 6.0V	2A	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5	DIP	NO	Similar pinout as CWD-01-V2-D
<a href="#">ATLS1A202D</a>		High efficiency	3.0V to 5.5V	1A	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5	DIP	NO	Similar pinout as CWD-01-V2-D
<a href="#">ATLS500mA202D</a>		High efficiency	3.0V to 5.5V	500mA	0V to 0.9×VPS	Switch mode	Constant current	25.8×20×5	DIP	NO	Similar pinout as CWD-01-V2-D
<a href="#">ATLS4A212D</a>		High efficiency High input voltage	4.5V to 16V	4A	0V to 0.98×VPS	Switch mode	Constant current	28×21.2×5.7	DIP/SMT	NO	with frequency synchronization function
<a href="#">LDA1-CP1</a>		High efficiency, PD anode grounded	3.0V to 5.5V	2A	0V to 0.9×VPS	Switch mode	Constant current Constant power	25.4×20×4.6	DIP	NO	
<a href="#">LDA1-CP2</a>		High efficiency, PD anode not grounded	3.0V to 5.5V	2A	0V to 0.9×VPS	Switch mode	Constant current Constant power	25.4×20×4.6	DIP	NO	



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<a href="#">ATLS1A102</a>		Low noise: <10uA	3.0V to 5.5V	1A	0V to VPS-1V	Linear mode	Constant current	19.4×14.5×5	DIP/SMT	YES	LDC = 0.5V
<a href="#">ATLS1A103</a>		Low noise: <10uA	3.0V to 5.5V	1A	0V to VPS-1V	Linear mode	Constant current	20×14.5×5	DIP/SMT	YES	Rise time: 300ns LDC = 0V
<a href="#">ATLS100MA103</a>		Low noise: <1uA	3.0V to 5.5V	100mA	0V to VPS-1V	Linear mode	Constant current	20×14.5×5	DIP/SMT	YES	Rise time: 300ns LDC = 0V
<a href="#">ATLS200MA103</a>		Low noise: <2uA	3.0V to 5.5V	200mA	0V to VPS-1V	Linear mode	Constant current	20×14.5×5	DIP/SMT	YES	Rise time: 300ns LDC = 0V
<a href="#">ATLS250MA103</a>		Low noise: <2.5uA	3.0V to 5.5V	250mA	0V to VPS-1V	Linear mode	Constant current	20×14.5×5	DIP/SMT	YES	Rise time: 300ns LDC = 0V
<a href="#">ATLS500MA103</a>		Low noise: <5uA	3.0V to 5.5V	500mA	0V to VPS-1V	Linear mode	Constant current	20×14.5×5	DIP/SMT	YES	Rise time: 300ns LDC = 0V



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<a href="#">AAS5V70A2</a>		High efficiency	90VAC to 264VAC	70A	1.3V to 5V	Switch mode	Constant current Constant voltage	254×127×41	chassis	NO	
<a href="#">AAS45A3.5V1</a>		High efficiency	90VAC to 264VAC	45A	0V to 3.5V	Switch mode	Constant current Constant voltage	199×99×50	chassis	NO	
<a href="#">AAS40A3.5V2</a>		High efficiency	90VAC to 264VAC	40A	0V to 3.5V	Switch mode	Constant current Constant voltage	199×99×50	chassis	NO	
<a href="#">AAS30A3.5V1</a>		High efficiency	88VAC to 264VAC	30A	0V to 3.5V	Switch mode	Constant current Constant voltage	199×99×50	chassis	NO	
<a href="#">AAS30A5V1</a>		High efficiency	88VAC to 264VAC	30A	0V to 5V	Switch mode	Constant current Constant voltage	199×99×50	chassis	NO	
<a href="#">AAS20A5V1</a>		High efficiency	88VAC to 264VAC	20A	0V to 5V	Switch mode	Constant current Constant voltage	199×99×50	chassis	NO	