





	MIN	NOM	MAX	UNITS
Vbat	5		18	V
Input Current	12		3	A
Vout		18		V
Output Current		3		A
Eff @10V		95.5		%
Eff @5V		92		%

→ Analysis/WBDesign84-LM3478-18V-3A-boost.pdf



1868 SPACE COOKIES

Sheet: /Power Supply/ File: PowerSupply.kicad_sch		
Title: NX J401 Adapter		
Size: B	Date: 2025-10-19	Rev: 5
KiCad E.D.A. 9.0.4		Id: 2/3

<https://hackaday.com/2023/08/07/all-about-usb-c-example-circuits/>



1868 SPACE COOKIES

Sheet: /USB-Serial/ File: usb-serial.kicad_sch		
Title: NX J401 Adapter		
Size: B	Date: 2025-10-19	Rev: 5
KiCad E.D.A. 9.0.4		Id: 3/3