

LV30B Bipolar Voltage Regulator 1.5-30V (3A/5A)

LV30B-3A for 3A output current

LV30B-5A for 5A output current

Maximum input-output voltage different is 29V DC

Components	Values	Quantity	Remarks
C1, C1B	4700uF/50V	2	Electrolytic Capacitor
C2, C2B, C4, C4B	100uF/50V	4	Electrolytic Capacitor
C3, C3B	100nF/100V	2	MKS Film Capacitor
D1, D1B, D2, D2B	1N4001	4	Diode
R1, R1B	100R 1/4W	2	
R2, R2B	100K 1/4W	2	
VR1, VR2	5K (502)	2	Resistor Trimmer
DB1, DB2	KBU1010/RS1005	2	Diode Bridge
U1, U2	LM1085-ADJ/LM1084-ADJ	2	
2 PIN Blue Connector	KF301-2P	5	
Heat Sink Medium	TO22K	2	
Mica Insulator	TO-22	2	
Plastic Bead	TO-22	2	
3mm Copper Rod and Nut		4	
3mm Screw and Nut		2	
JP1	2PIN Jumper	1	
Header PIN	2PIN	1	
PCB		1	

Updated

11/03/2013