

Jfet IV Regulator BOM for 2 channel

USD

Item	Ref Des	Part Name	Qty	Manufacturer	Value	Voltage Rating	Price	Total	Remarks
1	Q7-8	2AS970,BL	4	TOSHIBA	BL	hfe >350	\$ 0.20	\$ 0.80	
2	Q5-6	2SC2240,BL	4	TOSHIBA	BL	hfe >350	\$ 0.20	\$ 0.80	
3	Q11-12	2SJ74BL	4	TOSHIBA	BL	Total Idss>15mA	\$ 1.00	\$ 4.00	Match for 2 chan
4	Q13-14	2SK170BL	4	TOSHIBA	BL	Total Idss>15mA	\$ 0.50	\$ 2.00	Match for 2 chan
5	Q16-Q17	K170BL / J74BL	4	TOSHIBA	BL	Idss 7-10mA	\$ 0.75	\$ 3.00	Match for 2 chan
	Q15	2SK170BL	2	TOSHIBA	BL	Idss 6-8mA	\$ 0.50	\$ 1.00	Match for 2 chan
6	Q9-10	2SK170BL	4	Toshiba	BL	Idss 6-8mA	\$ 0.50	\$ 2.00	Match for 2 chan
7	Q18	2SK389,BL	2	TOSHIBA	BL	Idss >7mA	\$ -	\$ -	Optional
8	Q3	2SJ148	2	Toshiba			\$ 1.00	\$ 2.00	
9	Q4	2SK982	2	Toshiba			\$ 1.00	\$ 2.00	
10	Q2	IRF610	2	IR			\$ -	\$ -	Optional
11	Q1	IRF9610	2	IR			\$ -	\$ -	Optional
12	D1-2	LM336	4	National Semi			\$ -	\$ -	Optional
13	D3-6	TL431C	8	ST			\$ 0.15	\$ 1.20	
	C6	100uF	2	Panasonic FC	100uF	35V	\$ 0.15	\$ 0.30	105C
14	C26-27	100uF	4	Panasonic FC	100uF	35V	\$ 0.15	\$ 0.60	105C
15	C23-24, C31-32, C37-38	330uf	12	Panasonic FC	330uf	35V	\$ 0.30	\$ 3.60	105C
16	C21-22, C25, C28- 30, C33-36	0.1uf, 5%	20	S+M or Epcos	0.1uf	63V	\$ 0.15	\$ 3.00	MKP
17	C3 C5	0.22uF, 10%	4	Epcos	0.22	63V	\$ 0.15	\$ 0.60	MKP
18	C7 C8	10nF	4	Nissei	10nf	50V	\$ 0.15	\$ 0.60	Polyester
19	C2	2700pF	2	Silver Mica		500V	\$ 0.80	\$ 1.60	
20	C1								
21	C4	10uF 250V	2	Rifa	4.7-10 uf	100V above	\$ -	\$ -	Rifa PHE 426
22	J2 J5	Connector - 2 pin	4	China		Screw 5mm	\$ 0.15	\$ 0.60	
23	J3-4	Jumper - 3 pin	1	China		2.5mm strip	\$ 0.05	\$ 0.05	40 pin strip
24	J1	Connector - 3 pin	2	China		Screw 5mm	\$ 0.20	\$ 0.40	
25	R5	RES-1/4W, 1%	2	Metal film	100K		\$ -	\$ -	
	R6	RES-1/4W, 1%	2	Metal film	100R		\$ -	\$ -	
26	R13-14, R29-30	RES-1/4W, 1%	8	Metal film	100R		\$ -	\$ -	
27	R3	RES-1/4W, 1%	2	Metal film	10R		\$ -	\$ -	
28	R11-12, R21-24	RES-1/4W, 1%	12	Metal film	10k		\$ -	\$ -	
29	R15-16	RES-1/4W, 1%	4	metal film	18k		\$ -	\$ -	
30	R27-28	RES-1/4W, 1%	4	Metal film	1k		\$ -	\$ -	
31	R4	RES-1/4W, 1%	2	TWD carbon	1k5		\$ -	\$ -	
32	R25-26	RES-1/4W, 1%	4	Metal film	1k5		\$ -	\$ -	
33	R7	RES-1/4W, 1%	2	Metal film	200k		\$ -	\$ -	
34	R9	RES-1/4W, 1%	2	Metal film	33R		\$ -	\$ -	
35	R10	RES-1/4W, 1%	2	Metal film	50k		\$ -	\$ -	
36	R19-20	RES-1/4W, 1%	4	Metal film	5k6		\$ -	\$ -	
37	R17-18	VRES-TOP-AD	4	China	1k	20 turns type	\$ 0.40	\$ 1.60	
38	R1 R31	VRES-TOP-AD	4	China	50R	20 turns type	\$ 0.40	\$ 1.60	
39	R8	VRES-TOP-AD	2	China	50k	20 turns type	\$ 0.40	\$ 0.80	
40	R2	VRES-TOP-AD	2	China	5k	20 turns type	\$ 0.40	\$ 0.80	
41	PCB	Channel	2	Spencer		FR4 1.6mm	\$ 5.00	\$ 10.00	
		Number of part	169						
								Total for Balance	\$ 44.95
								Postage & Packing	\$ 7.50
								Grand Total	\$ 52.45
								Add 4% paypal	\$ 54.55

Remarks:

- 1 Jfet IV part parts only, not regulator section
- 2 Parts that can provided
- 3 RED text Parts that not included