

Dispre 2 - JFET BOM

05/13/2025

Part	Value	Description/Manufacturer	Package	Supplier	Order No.	Sheet	pcs
C1,C101	220p	polypropylene, WIMA FKP2/220/100/5	C-5	RS components	484-1984	1	2
C4,C104	10p	COG, 10pF/200V	C-5	RS components	538-1360	1	2
C2,C3,C102,C103	22p	COG, 22pF/200V	C-5	RS components	538-1461	1	4
C5,C105	68p	COG, TDK FG28C0G1H680JNT00	C-5	RS components	194-0466	1	2
C6,C7,C10,C12,C13,C106,C107,C110	100n (150n)	Kemet C322C104K1R5TA	C-5	RS components	538-1427	1	8
C8,C9,C108,C109	1000u/35V	Panasonic EEUFM1V102, 12.5 x 25mm	ES-5	RS components	526-1761	1	4
C11,C111	1000u/50V	Nichicon UPS1H102MHD, 16 x 25mm	ES-7,5	RS components	519-4374	1	2
C14,C16,C114,C116	1u	polyester, WIMA MKS2/1.0/63/10	C-7,5	RS components	108-2592	2	4
C15,C17,C115,C117	NC	only to fit PCB RM5 distance	C5B7.2			2	0
D1,D2,D3,D4,D101,D102,D103,D104	BAW62	NXP BAW62 or 1N4148	DO35-10			1	8
IC1,IC2	TL071CP	Texas Instruments	DIL08	RS components	197-7548	2	2
substitute		OPA177, OP177, OP27, OPA134					
P2	10k log.	Alps, dual	ALPS	RS components	219-9130	1	1
Q1,Q2,Q101,Q102	2SK170	Toshiba, or LSK170B. LSK parts have not been tested, the usage is at own risk.	TO92	DigiKey	4004-LSK170CTO-923LROHS-ND	1	4
Q3,Q4,Q103,Q104	2SJ74	Toshiba, or LSJ74B	TO92	DigiKey	4004-LSJ74CTO-923LROHS-ND	1	4
Q5,Q7,Q8,Q105,Q107,Q108	BC560	ON Semiconductor BC560CG	TO92-EBC	RS components	145-2798	1	6
Q6,Q9,Q10,Q106,Q109,Q110	BC550	ON Semiconductor BC550CG	TO92-EBC	RS components	796-9739	1	6
Q11,Q111	BD139	STMicroelectronics	TO126	RS components	314-1823	1	2
Q12,Q112	BD140	STMicroelectronics	TO126	RS components	314-1817	1	2
R1,R101	choice (8k2)	0207, Vishay	R-10			1	2
R2,R102	choice (2k7)	0207, Vishay	R-10			1	2
R3,R103	1k	0207, Vishay 231291511002	R-10	RS components	477-7928	1	2
R4,R104	47k	0207, Vishay 231291514703	R-10	RS components	506-5434	1	2
R5,R10,R105,R110	470R	0207, Vishay 231291514701	R-10	RS components	506-4964	1	4
R6,R7,R8,R11,R12,R15,R20,R21,R27,R28,R29,R106,R107,R108,R111,R112,R115,R120,R121,R127,R128,R129	100R	0207, Vishay 231291511001	R-10	RS components	477-7681	1	22

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R9,R109	choice (33-330)	0207, Vishay	R-10			1	2
R13,R113	3k9	0207, Vishay 231291513902	R-10	RS components	506-5181	1	3
R14,R114	16k	0207, Vishay 231291511603	R-10	RS components	506-5311	1	2
R16,R22,R23,R116,R122,R123	15R	0207, Vishay 231291511509	R-10	RS components	477-7574	1	6
R17,R19,R117,R119	270R	0207, Vishay 231291512701	R-10	RS components	506-4885	1	4
R18,R118	6k8	0207, Vishay 231291516802	R-10	RS components	506-5276	1	2
R26,R126,R33,R133	10R	0207, Vishay 231291511009	R-10	RS components	477-7568	1	4
R24,R25,R124,R125	2R7	0207, Vishay 231291512708	R-10	RS components	506-4431	1	4
R30,R31,R130,R131	820k	0207, Vishay 231291518204	R-10	RS components	506-5686	2	4
R32,R132	68k	0207, Vishay	R-10	RS components	506-4778	2	2
X1,X2	W237-02P	304-14-032	con-508	RS components	144-4286	1	4
X3	W237-03P	304-05-855	con-508	RS components	790-1155	1	1
X4,X5	NC3MD-H	Neutrik NC3MD-H	NC3	RS components	448-238	1	2
S1,S2	DIP 8	IC socket	DIL 08	RS components	813-115	2	2
KK1,KK2,KK3,KK4	heatsink	Fischer elektronik SK95-25-SA-220	SK95	RS components	189-8319	1	4
PCB	board	Pavel Macura		Pavel Macura	DJFET		1
Order numbers and types at RS componets are subject to change. In case of unavailable parts please find the replacement parts.							
You may use different reliable vendors as well.							