

DUAL VOLTAGE ADDER MODEL 256**BILL OF MATERIALS REV 1.0****SEMICONDUCTORS**

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
1N457	D1, D2	2		512-1N457
TL072	IC1, IC2	2		511-TL072CN

CAPACITORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
15uF	C1, C2	2	TANTALUM SMD CASE D	74-TR3D156K035C0150
470pF	C3, C5	2	CERAMIC	581-SA101A471JAR
220pF	C4, C6	2	CERAMIC	581-SA102C221MAA

RESISTORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
49K9	R1, R3, R7, R9	4	1% 1/4W	271-49.9K-RC
68K	R2, R4, R17, R18, R19, R20, R21, R22, R23, R24	10	1% 1/4W	271-68K-RC
22M	R5, R6	2	5% 1/4W	291-22M-RC
220R	R8, R11	2	1% 1/4W	271-220-RC
4K7	R10, R12, R13, R14	4	1% 1/4W	271-4.7K-RC
100K	R15, R16	2	1% 1/4W	271-100K-RC
10R	L1, L2	2	1% 1/4W	271-10-RC
100K	TR1, TR2	2	SINGLE TURN	858-25PR100KLF
100K	TR3	1	MULTI TURN	652-3296W-1-104LF
10-100K LINEAR	POT1, POT2, POT3, POT4, POT5, POT6, POT7, POT8, POT9, POT10	10	16MM ANGLED	http://smallbear-electronics.mybigcommerce.com/alpha-single-gang-16mm-right-angle-pc-mount/

MISC

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
	B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12	12	BANANA JACK BLACK	530-108-0903-1
		1	POWER CONNECTOR	587-306-50-010
		8	SMALL DAVIES KNOB	5164-1610AA
		2	LARGE DAVIES KNOB	5164-1600BM