

Bi-N-Tic Parts List

Dave Brown

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Capacitors

Part	Qty	Mouser Number
10 pF	1	147-75-100
18 pF	1	147-75-180
100 pF	3	147-75-101
2n2 styrene	1	23PS227
47n	16	147-71-473
		581-SR215C473J
		75-MKT182634701
100n	9	147-72-104
10 uF 25V	2	140LLRL35V10
Gate Converter		
100n	2	147-72-104

Resistors

Part	Qty	Mouser Number
680R	1	271-680
1k	6	271-1k
2k2	2	271-2.2k
3k3	1	271-3.3k
10k	14	271-10k
15k	2	271-15k
20k	1	271-20k
47k	1	271-47k
56k	1	271-56k
100k	13	271-100k
150k	1	271-150k
1m	1	271-1.0m
1k tempco	1	www.elby-designs.com

Gate Converter

1k8	4	271-1.8k
2k2	4	271-2.2k
3k3	4	271-3.3k
10k	1	271-10k
100k	1	271-100k
2m2	4	271-2.2m

Semiconductors

Part	Qty	Mouser Number
1N4148	1	512-1N4148
BC547	2	512-BC547
BC557	1	512-BC557
J108	1	781-J108
		www.elby-designs
MPF-102		512-MPF102 Note: This part did not function correctly in my module. The ramp output of the CA3140 had limited voltage swing and would not go below 1.96 V minimum.
TL071ACN	4	511-TL071ACN
TL072ACN	1	511-TL072ACN
CA3140	1	837-CA3140E
LM311	1	511-LM311N
4024	1	511-4024
4051	2	511-4051
LM394	1	www.elby-designs.com
Gate Converter		
TL074	1	511-TL074ACN

Misc

Part	Qty	Mouser Number
ferrite bead	2	623-2743001112
0.156 MTA	1	571-6404454
100k dual pot	1	531-PC16DC-100K
100k pot	4	594-149-7104
		531-PC16SC-100K
50k pot	1	594-149-7503
		531-PC16SC-50K
10k trim	1	72-T93YA-10k
100k trim	1	72-T93YA-100k
knob	7	506PKES90B1/4
4 position switch	1	105-13571
1/4 jacks	10	502-112A