

sinulator_bom

DESIGNATOR	VALUE	NOTES
U1	TL431A	2.5V regulator, Texas Instruments, SOT23-3
U2	TL074	SOIC-14
U3	TL074	SOIC-14
U4	LM13700	SOIC-16
U5	TL431A	2.5V regulator, Texas Instruments, SOT23-3
Q1	PMP4201	NPN, MATCHED
Q2	PMP4201	NPN, MATCHED
Q3	PMP4201	NPN, MATCHED
Q4	PMP4201	NPN, MATCHED
Q5	PMP4201	NPN, MATCHED
Q6	PMP4201	NPN, MATCHED
Q7	PMP4201	NPN, MATCHED
Q10	PMP4201	NPN, MATCHED
Q9	PMP5201	PNP. MATCHED
Q11	PMP5201	PNP. MATCHED
Q12	PMP5201	PNP. MATCHED
Q13	PMP5201	PNP. MATCHED
Q14	PMP5201	PNP. MATCHED
Q15	PMP5201	PNP. MATCHED
Q16	PMP5201	PNP. MATCHED
D1	1N4148	SOT23-3
D3	MBR0530	SOD-123
D4	MBR0530	SOD-123
C1	10uF	0805, X7R, 10V, 10%
C2	10uF	0805, X7R, 10V, 10%
C3	47uF	SMT, ELECTROLYTIC, 25V, 20%
C4	47uF	SMT, ELECTROLYTIC, 25V, 20%
C5	10uF	0805, X7R, 10V, 10%
C6	0.1uF	0603, X7R, 50V, 10%
C7	0.1uF	0603, X7R, 50V, 10%
C8	10uF	0805, X7R, 10V, 10%
C9	10uF	0805, X7R, 10V, 10%
C10	47pF	0603, C0G/NP0, 50V, 5%
C11	4pF	0603, C0G/NP0, 50V, 5%
D12	47pF	0603, C0G/NP0, 50V, 5%
C13	47pF	0603, C0G/NP0, 50V, 5%
C14	10uF	0805, X7R, 10V, 10%
C15	0.1uF	0603, X7R, 50V, 10%
R1	750ohm	0603, 100ppm/C, 75V, 1%
R2	750ohm	0603, 100ppm/C, 75V, 1%
R3	750ohm	0603, 100ppm/C, 75V, 1%
R4	750ohm	0603, 100ppm/C, 75V, 1%
R5	750ohm	0603, 100ppm/C, 75V, 1%

sinulator_bom

R6	750ohm	0603, 100ppm/C, 75V, 1%
R7	750ohm	0603, 100ppm/C, 75V, 1%
R8	750ohm	0603, 100ppm/C, 75V, 1%
R9	750ohm	0603, 100ppm/C, 75V, 1%
R10	750ohm	0603, 100ppm/C, 75V, 1%
R11	51k	0603, 100ppm/C, 75V, 1%
R12	51k	0603, 100ppm/C, 75V, 1%
R13	51k	0603, 100ppm/C, 75V, 1%
R14	51k	0603, 100ppm/C, 75V, 1%
R15	51k	0603, 100ppm/C, 75V, 1%
R16	51k	0603, 100ppm/C, 75V, 1%
R17	51k	0603, 100ppm/C, 75V, 1%
R18	51k	0603, 100ppm/C, 75V, 1%
R19	750ohm	0603, 100ppm/C, 75V, 1%
R20	750ohm	0603, 100ppm/C, 75V, 1%
R21	750ohm	0603, 100ppm/C, 75V, 1%
R22	51k	0603, 100ppm/C, 75V, 1%
R23	51k	0603, 100ppm/C, 75V, 1%
R24	51k	0603, 100ppm/C, 75V, 1%
R25	51k	0603, 100ppm/C, 75V, 1%
R26	10k	0603, 100ppm/C, 75V, 1%
R27	100k	0603, 100ppm/C, 75V, 1%
R28	100k	0603, 100ppm/C, 75V, 1%
R29	100k	0603, 100ppm/C, 75V, 1%
R30	1k	0603, 100ppm/C, 75V, 1%
R31	36k	0603, 100ppm/C, 75V, 1%
R32	10k	0603, 100ppm/C, 75V, 1%
R33	10k	0603, 100ppm/C, 75V, 1%
R34	51k	0603, 100ppm/C, 75V, 1%
R35	51k	0603, 100ppm/C, 75V, 1%
R36	100k	0603, 100ppm/C, 75V, 1%
R37	100k	0603, 100ppm/C, 75V, 1%
R38	100ohm	0603, 100ppm/C, 75V, 1%
R39	100k	0603, 100ppm/C, 75V, 1%
R40	100k	0603, 100ppm/C, 75V, 1%
R41	51k	0603, 100ppm/C, 75V, 1%
R42	10k	0603, 100ppm/C, 75V, 1%
R43	100k	0603, 100ppm/C, 75V, 1%
R44	51k	0603, 100ppm/C, 75V, 1%
R45	10k	0603, 100ppm/C, 75V, 1%
R46	100k	0603, 100ppm/C, 75V, 1%
R47	10k	0603, 100ppm/C, 75V, 1%
R48	100k	0603, 100ppm/C, 75V, 1%
R49	100k	0603, 100ppm/C, 75V, 1%
R50	100k	0603, 100ppm/C, 75V, 1%
R51	100k	0603, 100ppm/C, 75V, 1%
R52	100k	0603, 100ppm/C, 75V, 1%
R53	10k	0603, 100ppm/C, 75V, 1%
R54	10k	0603, 100ppm/C, 75V, 1%

sinulator_bom

R55	10k	0603, 100ppm/C, 75V, 1%
R56	3M	0603, 100ppm/C, 75V, 1%
R57	22k	0603, 100ppm/C, 75V, 1%
R58	100k	0603, 100ppm/C, 75V, 1%
R59	820k	0603, 100ppm/C, 75V, 1%
VR1	50kB	9mm, ALPHA, SMALLBEAR: 1012A-B50K
VR2	50kB	9mm, ALPHA, SMALLBEAR: 1012A-B50K
VR3	50kB	9mm, ALPHA, SMALLBEAR: 1012A-B50K
VR4	50kB	9mm, ALPHA, SMALLBEAR: 1012A-B50K
TM1	100kB	SMT, 25%, BOURNS TC33X-2-104
J1	1/8" JACK	THMT, MONO, SWITCHED, THONKICONN, PJ301M-12
J3	1/8" JACK	THMT, MONO, SWITCHED, THONKICONN, PJ301M-12
J4	10P HEADER	0.1", SHROUDED OR UNSHROUDED
J5	1/8" JACK	THMT, MONO, SWITCHED, THONKICONN, PJ301M-12
J6	1/8" JACK	THMT, MONO, SWITCHED, THONKICONN, PJ301M-12