

MINI24/96 (CS8416+AK4396) BOM

Position	Manufacturer	Type	Value	Q.ty	RS Components	Distrelec	Mouser
Bridge1, Bridge2	Taiwan Semi	KBP206		2	687-5847 (10 Pack)	605517	621-KBP206G
C1, OPA827 R2R decoupling	Wima	FKP2	10 nF 63V	2	-	828229	505-FKP20.01/63/2.5
C10, C22	Any	X7R ceramic	100 nF 50V	2	-	830458	80-C330C104J1R-TR
C14, C17, C31	Elna	ROA (Cerafine)	47 uF 25V	3	Parts Connection /HiFi Collective		
C2, C4	Wima	FKS2	10 nF 50V	2	-	820586	505-FKS20.01/100/5
C23, C24, C25	Nichicon	FW	2200uF 63V	3	Parts Connection /HiFi Collective		
C27	BC Components	038	10 uF 100V	1	684-2119 (5 Pack)	-	647-UFW2A100MED
C28, C30	Nichicon	LF	100 uF 16V	2	-	813008 Sanyo SEPC 100 16V	647-PLF1C101MDL4
C29, C34	BC Components	038	47 uF 63V	2	684-2074 (5 Pack)	-	647-UFW1J470MED
C3	BC Components	038	100 uF 50V	1	684-2018 (5 Pack)	813008 Sanyo SEPC 100 16V	647-UFW1H101MPD
C32, C33, C35	Elna	ROA (Cerafine)	10 uF 50V	3	Parts Connection /HiFi Collective		
C36	Wima	FKP2	1000 pF 100V	1	-	828223	505-FKP21000/100/2.5
C37	Any	Standard elco	1uF 50V	1	684-2043 (5 Pack)	-	647-UVR1H010MDD
C38, C39	Elna	RFS (Silmic II)	100 uF 50V	2	Parts Connection /HiFi Collective		
C40, C41, C42, C43	Wima	FKP2	680 pF 100V	4	-	828222	505-FKP2680/100/2.5
C46, C47	Wima	FKP2	3300 pF 63V	2	-	828226	505-FKP23300/63/2.5
C5	Wima	FKS2	22 nF 50V	1	-	823612	-
C6, C8, C9, C21	Evov-Rifa	SMR	100 nF 50V	4	-	820344	80-SMR5104K100J03L4
D3		1N4148		1	-	603016	1N4148TR
L1, L2	??	??	??	2			623-2743001112LF (??? Untested)
LED1, LED2, LED3, LED4	??	3mm Green Led	??	4			
NEW	Fischer	TO-220	FK237SA2200	1	189-9097	652469	532-576802B00
R1	Any	1% Metal film	75	1	-	714054	660-MF1/4CC75R0F
R12, R13, R14, R15	Any	1% Metal film	51	4		714050	660-MF1/4DCT52R51R0F
R16	Any	1% Metal film	100K	1		714148	660-MF1/4CC1003F
R17,R18, R19, R20	Any	1% Metal film	220	4		714073	660-MF1/4CCT52R2200F
R2	Any	1% Metal film	3K	1		714102	660-MF1/4CC3011F
R24, R26, R30, R32, R23, R28, R29, R34	PRP	PR9372	2.2 Kohm 1/4W	8		714682	756-RC55Y-2K21BI
R25, R27, R31, R33	PRP	PR9372	150 Ohm 1/4W	4		714677	756-RC55Y-150RBI
R3, R4, R5, R6, R7, R8, R9, R10, R11	Any	1% Metal film	47K	9		714140	660-MF1/4CC4702F
U10	On Semiconductor	MC7912CTG	-	1	516-6212	644639	863-MC7912CTG
U3	Texas Instruments	OPA827	x2 on BrownDog	2	709-2097	-	595-OPA827AID
U4	On Semiconductor	MC7809CTG	-	1	516-4812	644606	863-MC7809ACTG
U9	On Semiconductor	MC7812CTG	-	1	516-4834	647324	863-MC7812CTG

Parts in Bold are identical to suggested one