

Bill of Materials for Cromlech Non Oversampling DAC 1a

Item	Value	Manufacturer	Type	Distributor	Remark
R1	470R, 0.5W	Ohmite,Xicon	OF	Digi-Key,Mouser	Carbon Composition
R2	75R, 0.25W	Ohmite,Xicon	OD	Digi-Key,Mouser	Carbon Composition
R3	430R, 0.5W	Ohmite,Xicon	OF	Digi-Key,Mouser	Carbon Composition
R4	680R, 0.5W	Ohmite,Xicon	OF	Digi-Key,Mouser	Carbon Composition
R5	680R, 0.5W	Ohmite,Xicon	OF	Digi-Key,Mouser	Carbon Composition
R6a	2K2, 0.25W	Ohmite,Xicon	OD	Digi-Key,Mouser	Carbon Composition
R7a	2K2, 0.25W	Ohmite,Xicon	OD	Digi-Key,Mouser	Carbon Composition
R6b	56R, 0.5W	Ohmite,Xicon	OF	Digi-Key,Mouser	Carbon Composition
R7b	56R, 0.5W	Ohmite,Xicon	OF	Digi-Key,Mouser	Carbon Composition
L1	1000uH	Coiltronics	DR127	Distrelec	freq range 3Mhz, signal, low distortion
L2	1000uH	Coiltronics	DR127	Distrelec	freq range 3Mhz, signal, low distortion
L3	47uH	Efcos, Ri 0.5R	-	Distrelec	High current 800mA, Broad Band
C1	1uF, 63V	Wima	FKS	Farnell, Distrelec	Metalsed Polyester
C2	3.3nF, 100V	Siemens, LCR	-	Farnell, Distrelec	Metalsed Polypropylen
C3	1uF, 63V	Wima	FKS	Farnell, Distrelec	Metalsed Polyester
C4	10nF, 63V	Wima	FKP2	Farnell, Distrelec	Metalsed Polypropylen
C5	10nF, 63V	Wima	FKP2	Farnell, Distrelec	Metalsed Polypropylen
C6	3.3nF, 100V	Siemens, LCR	-	Farnell, Distrelec	Polypropylen, Polystyrol
C7	3.3nF, 100V	Siemens, LCR	-	Farnell, Distrelec	Polypropylen, Polystyrol
C8	1nF, 100V	Siemens, LCR	-	Farnell, Distrelec	Polypropylen, Polystyrol
C9	1nF, 100V	Siemens, LCR	-	Farnell, Distrelec	Polypropylen, Polystyrol
C10	10uF, 160V	RIFA	PHE427	Nos	Metalsed Polypropylen
C11	10uF, 160V	RIFA	PHE427	Nos	Metalsed Polypropylen
C12	150nF, 250V	Vishay Roederstein	ERO MKP1841	Various	Metalsed Polypropylen
C13	10nF, 100V	Siemens, LCR	-	Farnell, Distrelec	Polypropylen, Polystyrol
C14	150nF, 250V	Vishay Roederstein	ERO MKP1841	Various	Metalsed Polypropylen
C15	10nF, 100V	Siemens, LCR	-	Farnell, Distrelec	Polypropylen, Polystyrol
C16	10nF, 63V	Wima	FKP2	Farnell, Distrelec	Metalsed Polypropylen
C17	1uF, 63V	Wima	FKS	Farnell, Distrelec	Metalsed Polyester
C18	1uF, 63V	Wima	FKS	Farnell, Distrelec	Metalsed Polyester
C19	220nF, 63V	Wima	FKC2	Farnell, Distrelec	Metalsed Polycarbonat
U1	TDA1543N	Philips	16Bit DAC	Reichelt	3 pieces stacked, production ceased
U2	CS8412CP	Crystal	Receiver	Reichelt	Production ceased
U3	LP2950ACZ	National	5V	Distrelec	Low drop, tight regulation
U4	LP2950ACZ	National	5V	Distrelec	Low drop, tight regulation