

Part	Part #	Cost(\$)	Volume	Link
Differential Audio Amplifier	OPA1632DGNR		1.87	2500 https://www.ti.com
Ethernet IC spi	W5500		2.24	2500 https://www.siliconlabs.com
ADC	PCM1821IRTER		2.37	1000 https://www.ti.com
DAC	PCM5102		5.18	1500 https://www.ti.com
PCB	FR4		1.5	2000
Connectors	BNC		3	2500
MCU	STM32F401RET6		3.29	2500 https://www.st.com
			19.45	

[/w.mouser.com/ProductDetail/Texas-Instruments/OPA1632DGNR?qs=7nS3%252BbEUL6t46Xk02kKOHg%3D%3I](#)
[/w.mouser.com/ProductDetail/WIZnet/W5500?qs=2vh%252B45pPFtzthUpYPd4pqA%3D%3D](#)
[/w.mouser.com/ProductDetail/Texas-Instruments/PCM1821IRTER?qs=QNEnbhJQKvZHFR9I0sKPCw%3D%3D](#)
[/w.mouser.com/ProductDetail/Texas-Instruments/PCM5102PW?qs=%252BG2H6gVb6ixUTg8gM%2FsSOw%3D%](#)

[/w.st.com/en/microcontrollers-microprocessors/stm32f401re.html#sample-buy](#)

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