

Reference	Quantity	Description	Manufacturer P/N	Link						
U1	1	IC MCU 8BIT 7KB FLASH 16UQFN	PIC16F15324T-I/JQ	https://www.digikey.com/product-detail/en/microchip-technology/PIC16F15324T-I-JQ/PIC16F15324T-I-JQCT-ND/7346310						
U2	1	IC AMP CLASS D STER 2.5W 32WQFN	LM49450SQ/NOPB	https://www.digikey.com/en/products/detail/texas-instruments/LM49450SQ-NOPB/1994012						
U3	1	IC REG LINEAR 2.5V 250MA SOT23-5	LP5907MFX-2.5/NOPB	https://www.digikey.com/en/products/detail/texas-instruments/LP5907MFX-2.5-NOPB/5178233						
U4	1	IC CLK MULT FRACT-N W/LCO 10MSOP	CS2300CP-CZZ	https://www.digikey.com/product-detail/en/cirrus-logic-inc/CS2300CP-CZZ/598-1754-ND/1766365						
C1,14,15	3	CAP CER 0.1UF 16V X7R 0402	CL05B104KO5NNNC	https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL05B104KO5NNNC/3889087						
C10,11,12,13	4	CAP CER 1UF 6.3V X5R 0402	CL05A105MQ5NNNC	https://www.digikey.com/en/products/detail/CL05A105MQ5NNNC/1276-1235-1-ND/3889321?itemSeq=341106576						
C7	1	CAP CER 10UF 6.3V X5R 0402	CL05A106MQ5NUNC	https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL05A106MQ5NUNC/3887109						
C2,3,4,5,6,8,9	7	CAP CER 2.2UF 6.3V X6T 0402	GRM155D80J225ME95D	https://www.digikey.com/en/products/detail/GRM155D80J225ME95D/490-10450-1-ND/5026360?itemSeq=341105312						
R1,2,3,4	4	RES SMD 10K OHM 1% 1/16W 0402	RT0402FRE0710KL	https://www.digikey.com/en/products/detail/yageo/RT0402FRE0710KL/1071709						
R5,6	2	RES SMD 4.7K OHM 1% 1/16W 0402	RT0402FRE074K7L	https://www.digikey.com/en/products/detail/yageo/RT0402FRE074K7L/1072052						