

Mini 7-Segment Clock V2 Parts List				
✓	Qty	Part	Source	P/N
	2	0805 22pF capacitor	Digi-Key	311-1103-1-ND
	2	0805 .1uF capacitor	Digi-Key	311-1141-1-ND
	8	0805 150 ohm resistor (display segments)	Digi-Key	311-150ARCT-ND
	1	0805 680 ohm resistor (display colon)	Digi-Key	311-680ARCT-ND
	2	0805 2.7K resistor	Digi-Key	311-2.7KARCT-ND
	4	0805 10K resistor	Digi-Key	311-10KARCT-ND
	1	7-segment display	SparkFun	COM-10931
	1	Atmega328 SMD	Digi-Key	ATMEGA328P-AU-ND
	1	16MHz SMD crystal	Digi-Key	887-1104-1-ND
	1	DS3231 SMD RTC	Digi-Key	DS3231S#-ND
	1	12mm CR1220 battery holder	Digi-Key	BK-890-ND
	1	CR1220 battery	Digi-Key	SY033-ND
	2	17mm mini push button switch	Digi-Key	EG2505-ND
	1	2-pin female Dupont connector	common	-
	1	2-pin right-angle header	common	-
	1	6-pin ICSP header (2x3)	common	-
	1	6-pin FTDI header (1x6)	common	-
	8	3/8" standoff	Digi-Key	3479K-ND
	4	1/4" 4-40 screw	common	-
	4	5/8" 4-40 screw	common	-
	1	Laser-cut acrylic enclosure	-	-
	1	PCB	-	-

Source files are located at:
kevinrye.net/resources/Mini-7-Segment-Clock-V2-Source.zip



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