

## Chronograph BOM

Qty	Value	Parts	Manufacturer	Mfr. Part Number	Description
6	100n	C2, C4, C5, C6, C7, C8	Samsung	CL21B104KBCNNNC	CAP CER 0.1UF 50V X7R 0805
2	47u	C1, C3	NICHICON	UWT1H470MCL1GS	CAP ALUM 47UF 20% 50V SMD
1	10	R11	Yageo	RC0402FR-0710RL	RES SMD 10 OHM 1% 1/16W 0402
1	100	R12	Yageo	RC0402FR-07100RL	RES SMD 100 OHM 1% 1/16W 0402
2	1K	R3, R6	Yageo	RC0805FR-071KL	RES SMD 1K OHM 1% 1/8W 0805
3	10K	R1, R13, R10	Yageo	RC0805FR-0710KL	RES SMD 10K OHM 1% 1/8W 0805
1	1M	R2	Yageo	RC0402FR-071ML	RES SMD 1M OHM 1% 1/16W 0402
1	3x2 M	J1	Harwin Inc.	M20-9980346	CONN HEADER VERT 6POS 2.54MM
1	1x6	J2	Würth Elektronik	61300611121	CONN HEADER VERT 6POS 2.54MM
2	1x4	IR_PAIR1, IR_PAIR2	Würth Elektronik	61300411121	CONN HEADER VERT 4POS 2.54MM
1		R_BUTTON		B3F-1000	OMRON SWITCH
1	ATMEGA328P-PU	U4	Microchip Technology	ATMEGA328P-PU	IC MCU 8BIT 32KB FLASH 28DIP
1	CSTCE16M0V53-R0 16MHZ	X1	Murata Electronics	CSTCE16M0V53-R0	CERAMIC RES 16.0000MHZ 15PF SMD
1	EA_DIP	DIS1	Lumex Opto/Components Inc.	LCM-S01602DTR/M	LCD MODULE 16X2 CHARACTER
1	GREEN	LED1	Würth Elektronik	150080GS75000	LED GREEN CLEAR 0805 SMD
1	M7	D1	Diodes Incorporated	B340AE-13	DIODE SCHOTTKY 40V 2A SMA
1	NCP1117ST50T3G	U1	ON Semiconductor	MC33375ST-5.0T3G	IC REG LINEAR 5V 300MA SOT223
2	SFH206	D6, D7	Vishay Semiconductor Opto Division	BPW24R	SENSOR PHOTODIODE 900NM RADIAL
2	SFH482	D2, D3	Vishay Semiconductor Opto Division	TSPF6200	EMITTER IR 890NM 100MA RADIAL
1	POWER_JACK	J4	CUI Devices	PJ-102B	CONN PWR JACK 2.5X5.5MM SOLDER

PARTS NOT FROM DIGIKEY

PARTS ALREADY OWNED