

Breadboard watch parts list

jm 06.12.2020

Designator	Count	Part		Mouser #	Comment
Charger/PSU					
C1-C3	3	2.2µF, 5V, 0402	Tayo Yuden	JMK105BJ225KV-F	any brand will do
C4	1	4.7µF, 5V, 0402	Murata GRM155R60J475ME87D	GRM155R60J475ME87D	any brand will do
R1	1	560, 0402	Panasonic	ERJ-2GEJ561X	any brand will do
R2	1	10k, 0402	Yaego	RC0402FR-0710KL	any brand will do
R3	1	1k8, 0402	Panasonic	ERJ-2GEJ182X	any brand will do
R4	1	NTC 10k, beta 3380, 0402	Murata NCU15XH103E6SRC	NCU15XH103E6SRC	any brand will do
D1	1	LED side view, amber, 0603	Inolux N-S63AS5A	IN-S63AS5A	
U1	1	STNS01 charger & LDO	STNS01 PUR	STNS01PUR	
J1	1	micro USB B jack	Würth	629105136821	cheaper from Reichelt: MIC USB BBU
	1	Solder paste leaded	ChipQuik, 15g syringe	TS391AX	
Watch, designators from IngeP's schematic					
U1	1	ATTiny84A-PU	DIP-14 package	ATTINY84A-PU	
U2	1	QDSP 6064	HP, 4*7 segment display	n/a	new old stock, getting rare -- try ebay etc.
SW1	1	tactile switch	Omron B3W-1000	B3W-1000	cheaper, non-sealed: B3F-1000
D1 - D9	9	Schottky diode BAT43	DO-35 package	BAT43	any brand will do
Y1	1	Quartz 32 768 Hz	radial 8 mm * 3 mm	AB38T-32.768KHZ	any brand will do
R1	1	10k	axial 6.x mm * 2.x mm	MOS1/2CT52R103J	any brand will do
R2	1	470k	axial 6.x mm * 2.x mm	RSF50SJT-52-470K	any brand will do