

067-0102-00

Pocket Time Mark Generator

This battery operated, self-contained unit generates either 1 millisecond or 10 microsecond markers. At room temperature the accuracy of this device is better than .1%. The output amplitude is typically 5-8 volts with a fresh battery. A weak battery will be observed by a sizeable drop in amplitude. The frequency will remain practically unchanged.

The generator is turned on when a ground lead is plugged into the rear panel. The lead also serves as the ground return to the instrument receiving the signal.

The 9 volt battery is the common type used for small transistor radios. It may be ordered from Customer Material Support by IOC or purchased from any local supply house using the NEDA 1604 number.

PMPC/sw

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TIME-MARK GENERATOR

Part Number	Quan.	Description	
	2	Spacer, nylon	Dwg. #695-A
	1	Plate, back	Dwg. #884-B
	1	Plate, front	Dwg. #884-B (S/S Dwg. #883-B)
	1	Chassis, top	Dwg. #886-B (S/S Dwg. #883-B)
	1	Chassis, bottom	Dwg. #886-B
	1	Board, etched circuit	EC #E-825
	1	Crystal, 100KC	Special purchase
	1	Crystal, 101KC	Special purchase
	1	Battery, 9-volt NEDA #1604	Special purchase
	1	Battery clip	Special purchase
	1	Schematic insert for top	Printing
252-0522-00	1	Transformer paper 5 15/16 x 2 1/4 (cut and special punch)	
253-0028-00	1	Tape, polyurethane sponge 1 5/8"	
253-0028-00	1	Tape, polyurethane sponge 1 1/2"	
108-0204-00	2	Coil, fixed 3.9mh	
E 136-0094-00	1	Socket, tini jax (MODIFIED)	Dwg. #1574-A
136-0138-00	1	Socket, banana jack ass'y (black)	
151-0007-00	5	Transistor, 2N270	
151-0048-00	3	Transistor, 2N1632	
152-0008-00	1	Diode, T12G	
175-0529-00	1	Wire, #26 strand. 9-2 4-1/2"	
175-0529-00	1	Wire, #26 strand. 9-3 3 1/4"	
175-0529-00	1	Wire, #26 strand. 9-4 1 3/4"	
175-0529-00	1	Wire, #26 strand. 9-5 1 3/4"	
175-0529-00	1	Wire, #26 strand. 9-6 4 1/2"	
175-0529-00	1	Wire, #26 strand. 9-0 1 3/4"	
210-0223-00	1	Lug, solder 1/4"	
210-0406-00	4	Nut, hex 4-40 x 3/16	
210-0465-00	2	Nut, hex, 1/4-32 x 3/8 x 3/32	

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Part Number	Quan.	Description
210-0895-00	1	Washer, nylon black shouldered
211-0007-00	8	Screw, 4-40 x 3/16 PHS Phil.
211-0008-00	4	Screw, 4-40 x 1/4 PHS PHIL
260-0212-00	1	Switch, slide, DPDT
281-0528-00	1	Capacitor, cer. 82pf 500V
283-0000-00	5	Capacitor, Discap .001µfd 500V
283-0004-00	1	Capacitor, discap .02µfd 150V
283-0005-00	1	Capacitor, discap .01µfd 250V
283-0026-00	1	Capacitor, discap .2µfd 25V
283-0032-00	2	Capacitor, discap 470pf 500V
290-0106-00	2	Capacitor, 10µf 15V
316-0101-00	1	Resistor, 100Ω 1/4W 10%
316-0104-00	1	Resistor, 100K 1/4W 10%
316-0105-00	1	Resistor, 1M 1/4W 10%
316-0152-00	2	Resistor, 1.5K 1/4W 10%
316-0184-00	2	Resistor, 180K 1/4W 10%
316-0222-00	2	Resistor, 2.2K 1/4W 10%
316-0223-00	1	Resistor, 22K 1/4W 10%
316-0332-00	2	Resistor, 3.3K 1/4W 10%
316-0472-00	1	Resistor, 4.7K 1/4W 10%
316-0562-00	2	Resistor, 5.6K 1/4W 10%
316-0682-00	1	Resistor, 6.8K 1/4W 10%
316-0822-00	1	Resistor, 8.2K 1/4W 10%
348-0002-00	4	Grommet, rubber 1/4"
	1	Packaging info