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PB-503 & PB-503C

Proto-Board® Design Workstation Series

SPECIFICATIONS:

POWER

3-wire AC line input (117V, 60 Hz typical) with power-on indicator. Both Models are available in 220-240VAC@50Hz

Fixed DC output: +5V@1.0A, ripple <5mV.

Variable DC output: +1.3 V to +15V@0.5A, ripple <5mV.

Variable DC output: -1.3V to -15V @ 0.5A, ripple <5mV.

FUNCTION GENERATOR

Frequency Range: 0.1 Hz to 100 kHz in six ranges.

Output voltage: 0 to ± 10 V (20Vp-p).

Output Impedance: 600 ohms (except TTL).

Output current: 10mA maximum, short circuit protected.

Output waveforms: sine, square, triangle, TTL.

Sine wave: distortion <3% (10Hz to 100kHz).

TTL pulse: rise and fall time <25 nS. drive to 10 TTL loads.

Square wave: rise and fall time <1.5 μ S

LOGIC INDICATORS:

8 LED's, active high, 1.4 volt (nominal) threshold, inputs protected to ± 20 volts.

DEBOUNCED PUSH-BUTTON (PULSERS):

Two pushbutton-operated, open-collector output pulsers, each with one normally-open, one normally closed output. Each output can sink up to 250 mA.

POTENTIOMETERS:

One 1 K ohm, one 10 K ohm, all leads available and uncommitted.

BNC CONNECTORS

Two BNC connectors, pin available and uncommitted, shell connected to ground.

SWITCHES

Two SPDT slide switches, all leads available and uncommitted. 8-pole DIP switch: one side of all eight switches connected and switchable to +5V or ground, other side of all eight switches separate, available, and uncommitted.

SPEAKER: 0.25W, 8 ohms

BREADBOARDING AREA

Three UBS-100 sockets with 840 tie-points each for a total of 2520 uncommitted tie-points. Two QT-59B Bus strips internally connected to power and ground. Fifty tie-points each for +5V, +V, =15 V and ground.

ENCLOSURE:

High impact molded case.

WEIGHT:

PB-503: 7 lbs;

PB-503C: 7 lbs, 13 oz.

OVERALL DIMENSIONS:

PB-503: 6.5" H x 16" W x 11.5" D

PB-503C with case: 14" H x 19" W x 7" D

ORDERING INFORMATION & RECOMMENDED RETAIL PRICE:

PB-503 Desktop:

P/N 104-5030.....\$299.95

PB-503 Desktop in kit form:

P/N 104-5033.....\$225.00

PB-503C Portable:

P/N 104-5031.....\$349.95

PB-503C Portable in kit form:

P/N 104-5034.....\$274.95

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