

FUNCTION AND PULSE GENERATORS

2001A Low Cost Function Generator

- Exceptionally low sine wave distortion
- Sine, square, triangle plus TTL outputs
- <1% THD or <1% sine wave distortion
- Sweepable 100:1 with ± 10 volts input
- 1Hz to 0.2MHz
- Variable DC offset
- High and low level variable 50 and 600 ohm outputs



Global Specialties P/N 105-2008

510-2001A

4001 Digital Pulse Generator 5 MHz Ultra-variable

- Independent settings of pulse width & spacing
- Outputs from 0.5 Hz to 5 MHz
- Four modes: run, triggered, gated, one-shot
- Symmetrical square wave outputs
- Complementary output - inverts waveforms
- Variable output for CMOS circuits
- Now in new metal enclosure with handle



Global Specialties P/N 105-4001

510-4001

2030 Function Generator

- Frequency range .3Hz to 3Hz in 7 ranges
- Wave forms: sine, square, triangle and ramp TTL and CMOS output
- External voltage controlled frequency (VCF) function
- Duty cycle control with signal inversion capability
- Variable DC offset control
- Two-step (-20dBx2) and variable attenuator
- Built-in 6 digit counter with INT/EXT function up to 150MHz/high resolution

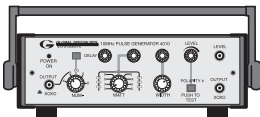


Global Specialties P/N 105-2030

510-2030

4010-10 MHZ Pulse Generator

- Frequency range 0.1Hz to 10MHz
- Fast rate-up to 10MHz
- Eight crystal derived accurate spot frequencies
- Low rise and fall time <10ns
- Variable pulse width
- Adjustable pulse delay
- Manual/External triggering facility
- Normal and inverted output
- Heavy duty metal case with adjustable handle
- 3-Year warranty



Global Specialties P/N 105-4010N

510-4010

1522 and 1523 Digital Wattmeter

- Measures true RMS voltage
- True RMS current to 20 amps
- Measures true power to 2,000 watts
- Touch-activated switches
- Large 3.5 digit green LED digital display
- Front and rear outlets
- Powered over range indication
- Rugged case design



Global Specialties P/N 105-1522

510-1522

New with RS232 Computer Interface:

- Measures true RMS voltage
- Measures true RMS current to 20A
- Measures true power to 2500 Watts
- Also has measuring ranges for Frequency, Volt/Amps & a Special Auto-Scan Range
- Touch-activated switches
- Backlit LCD display
- 2 Front outlets
- Powered over range indication
- 3-Year Warranty

Global Specialties P/N 105-1523

510-1523

DC POWER SUPPLIES

1310 Triple Output Power Supply

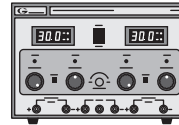
- Model 1310: Two outputs 1.2 to 20VDC @ .25 amps one fixed output + 5VDC @ 1A
- Isolated outputs can be combined to double voltage or current
- Ext. short circuit protected variable attenuator
- Now in new metal enclosure with handle



| MOUSER STOCK NO. | Global Part No. | Description | Price Each |
|------------------|-----------------|----------------------|------------|
| 510-1310 | 105-1310 | 1,2-20VDC @ .25 amps | |

1302B Triple Output DC Power Supply

- Triple output, two 0-32V @ 2A and one 5VDC (variable from 4.5VDC to 5.5VDC) @ 5A
- Isolated, independent supplies.
- Series and parallel operation.
- Short circuit protected
- Two digital readouts - monitor current or voltage.
- Constant voltage or constant current mode with green & red LED indicators
- Heavy duty transformer isolated design

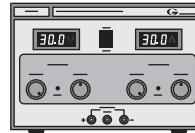


Global Specialties P/N 105-1307

510-1302

1332A Single Output DC Power Supplies

- Continuously variable with coarse and fine controls.
- Model 1332A: 0-32V/ 0-5A
- Short circuit protected.
- Two digital readouts - Monitors current and voltage simultaneously.
- Constant voltage or constant current mode with LED indicators.
- Heavy duty transformer isolated design.



| MOUSER STOCK NO. | Global Part No. | Description | Price Each |
|------------------|-----------------|--------------|------------|
| 510-1332A | 105-1333 | Single range | |

1305 Dual Output 0-32V @ 5AMP Reg. DC Power Supply

- Two cont. variable 0-32VDC @ 5 AMP outputs w/coarse and fine adjust
- Constant voltage (CV) or constant current (CC) operation with LED indicators
- Automatic transition from CV to CC mode at any voltage or current within the range
- Separate front panel 3 digit green LEDs to monitor voltage and current of each output
- Each output is isolated which enable series or parallel operation that extends the output capabilities to either 0-64VDC @ 5 amps or 0-32VDC @ 10 amps
- Remote sensing available on each output
- Automatic overload and short circuit protection
- 115-120 VAC @ 60Hz or 210-220VAC @ 50Hz operation
- Two sets of plug-in test leads with convenient alligator clip connectors
- Heavy-duty design with convenient handles for carrying



Global Specialties P/N 105-1305

510-1305

3100 Capacitance Meter

- Large 4 digit LCD display
- Dual display mode one 4 digit and the other 3 digit
- Auto-ranging, 5000 count resolution and wide frequency range: 0.1pF to 50mF
- Ten memories for high/low limit settings even if power is shut off
- Static recording so you will know max, average and min value without calculation
- Relative mode for simple measuring differences between standard and measuring values
- 10 special function modes
- Measures components in-circuit



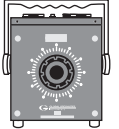
Global Specialties P/N 105-3100N

510-3100

AC POWER SUPPLIES

1510 / 1515 Variable Line AC Sources

- Wide operating frequency range 47-450Hz
- High continuous current outputs:
- Cont. variable outputs of 0 to 130 VAC
- Built-in analog voltmeter and ammeter with 2% full scale accuracy
- Power on/off switch and special output on/off voltage load switch
- Separate input and output fuses for double protection
- Rugged design yet portable with unique adjustable handle



| MOUSER STOCK NO. | Global Part No. | Description | Price Each |
|------------------|-----------------|-----------------------|------------|
| 510-1510 | 1510 | 1510: 0-10 Amps Cont. | |
| 510-1515 | 1515 | 1515: 0-15 Amps Cont. | |

1504, 1505 Variable Line Supply Series

- Model 1504 single range: 0-150VAC@4A
- Model 1505 dual range: 0-130VAC@4A 0-260VAC@2A
- Triple isolated continuously variable AC output
- Power line leakage and current measurement facilities
- 3 digit DPM for high accuracy
- Capacitive coupling less than 0.005pF
- Galvanic leakage less than 10 μ A
- 120dB attenuation for common mode noise



| MOUSER STOCK NO. | Global Part No. | Description | Price Each |
|------------------|-----------------|--------------|------------|
| 510-1504 | 105-1504 | Single range | |
| 510-1505 | 105-1505 | Dual range | |

1507 Variable AC Line Supply

- Variable isolated AC output from 0 to 150VAC
- Cont. 10 AMP output current to a maximum of 1300VAC
- Variable current adjust
- Two parallel, three prong AC outlets allow the unit to be used for more than one load
- Two 3.5 inch high analog meters: one monitors AC line or output voltage and the other displays output current or leakage
- Leakage indicator and reset switch
- Audible alarm to warn of "hot" chassis or shorts
- Output overload indicator
- AC input fuse protected
- AC output adjustable current
- Relay with manual reset



Global Specialties P/N 105-1507

510-1507

HIGH QUALITY LOGIC ANALYZER

- A fraction of the cost!
- 3-Year Warranty
- 32 Data Channels from DC up to 25MHz
- RS-232 standard interface
- 100MHz maximum acquisition speed
- 5 nanosecond glitch capture
- 4 step multi-level trigger sequencing with delay & restart
- Multiple clocks for complex synchronous capture
- Variety of Disassemblers available for many popular microprocessors
- Non-volatile data and set-up memories
- 120 VAC @ 60 Hz or 220 VAC @ 50 Hz operation



Global Specialties P/N 105-0327

510-GA320S

Resistance / Capacitance Circuit Box

- Convenient selection of standard resistors & capacitor value separately or in series & parallel RC combinations
- 36 resistors ranges in values from 15 Ω to 10M Ω , 1 watt 10%
- 18 capacitor ranges in values from 100 picofarads to .22 microfarads, 600 volts 10%
- Perfect for all types of education experiments and circuit designs with Global Specialties Protoboards and Breadboards Design Trainers
- Compact Design
- Black and red test leads with convenient alligator clip connectors



RoHS Compliant



Global Specialties P/N 105-RC-10

510-RC-10