

SEFRAM FUNCTION GENERATORS

References : LS3002, LS3002AMP, LS3005



2 MHz function generator

GBF offering all the conventional signals of a generator with display of frequency and output voltage. Versatile and comprehensive tools for teaching applications.

3 models are available: 2 MHz, 5 MHz and 2 MHz with amplified output.

Technical characteristics:

- Signals: sinus, square, triangle
- Frequency range:
 - 2 Hz to 2 MHz for LS3002 and LS3002AMP models
 - 5 Hz to 5 MHz for the LS3005 model
- Output amplitude: up to 10 VDC at 50 Ohms
- Attenuation: -20 dB to -60 dB in steps of 20 dB
- Output impedance: 50 Ohms
- Offset: adjustable up to ± 5 V at 50 Ohms
- Distortion: <2% at 1 kHz
- Amplified output (only for LS3002AMP model): 10 W (from 02 Hz to 200 kHz)

- CMOS output: variable level from 4.5 V to 14.5 V
- TTL output: level > 3 V and rise time < 30 ns
- VCF input (except for model LS3002AMP): ± 10 V max for a 100: 1 frequency variation
- Frequency display: LED, 4 digits
- Display of the output voltage: LED, 3 digits
- External counter: 2 Hz to 20 MHz, display on 4 digits max.
- Main voltage: 110-230V / 50 Hz
- Dimensions / Mass: 240 x 280 x 90 mm / 2.5 kg

Réf : LS3002

2 MHz function generator with amplified output

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Technical characteristics:

- Signals: sinus, square, triangle
- Frequency range:
 - 2 Hz to 2 MHz for LS3002 and LS3002AMP models
 - 5 Hz to 5 MHz for the LS3005 model
- Output amplitude: up to 10 VDC at 50 Ohms
- Attenuation: -20 dB to -60 dB in steps of 20 dB
- Output impedance: 50 Ohms
- Offset: adjustable up to ± 5 V at 50 Ohms
- Distortion: 3 V and rise time