

Microwave Logic GB1400

## GigaBert 1400 Mb/s BERT Generator



**\$995.00**

**In Stock**

**Qty Available: 2**

**Used and in Excellent Condition**

**Open Web Page**

<https://www.artisanTG.com/46018-5>

All trademarks, brandnames, and brands appearing herein are the property of their respective owners.



Your **definitive** source  
for quality pre-owned  
equipment.

**Artisan Technology Group**

(217) 352-9330 | [sales@artisanTG.com](mailto:sales@artisanTG.com) | [artisanTG.com](http://artisanTG.com)

- Critical and expedited services
- In stock / Ready-to-ship

- We buy your excess, underutilized, and idle equipment
- Full-service, independent repair center

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

GB Comparison Feature	GB660/CSA907A Tx and Rx	GB700 Tx and Rx	GB1400 Tx and Rx
<i>Transmitter</i>			
Frequency range	150 kHz to 700 MHz	150 kHz to 705 MHz	1 MHz to 1405 MHz
Internal Clock Source	150 kHz to 700 MHz	150 kHz to 705 MHz	1 MHz to 1405 MHz
External Clock	150 kHz to 700 MHz	150 kHz to 705 MHz	1 MHz to 1405 MHz
External Clock w/Burst Mode <sup>1</sup>	150 kHz to 700 MHz	150 kHz to 705 MHz	150 kHz to 1405 MHz
Freq Resolution CR/LF (Internal Clock)	1 kHz	1 kHz	1 kHz (was 10 kHz)
Clock /Data Output Amplitude	500mV to 2.0 V	500mV to 2.0 V	500mV to 2.0 V
Clock/Data Output Offset	-2.0V to +1.8 V	-2.0V to +1.8 V	-2.0V to +1.0 V -2.0V to +1.8 V with PECL opt.
Clock/Data Threshold Resolution	50 mV steps	50 mV steps	50 mV steps
Std. Programmable Memory	16 bits	128 Kbits	16 bits
Optional Memory	128 Kbits	none	1 Mbit
PRBS Patterns (2 <sup>n</sup> -1)	7,15,17,20,23	7,15,17,20,23	7,15,17,20,23
Burst Mode New Line (External Clk Only)	Standard Feature	Standard Feature	<b>Optional Feature</b>
<i>Receiver</i>			
Frequency range w/Burst Mode <sup>1</sup>	150 kHz to 705 MHz 150 kHz to 705 MHz	150 kHz to 705 MHz 150 kHz to 705 MHz	1 MHz to 1405 MHz 150 kHz to 1405 MHz
Burst Mode (Ext Clk Only)	Standard Feature	Standard Feature	<b>Optional Feature</b>
Clock/Data Input levels (max)	500 mV to 6.0 V p-p	500 mV to 6.0 V p-p	<b>500 mV to 2.0 V p-p</b>
Clock Input Threshold	-3.00 to +4.5 V	-3.00 to +4.5 V	<b>Fixed threshold levels</b>
Data Input Threshold	-3.00 to +4.5 V	-3.00 to +4.5 V	<b>-1.5V to 1.0 V</b>
Clock/Data Threshold Resolution	50 mV steps	50 mV steps	50 mV steps
Clock/Data Input Terminations	GND, AC, -2V, +3V	GND, AC, -2V, +3V	GND, AC, -2V
Single-Ended operation	Automatic selection	Automatic selection	<b>Requires external cable<sup>2</sup></b>
Clk/Data Delay Range / Resolution	±4 ns in 100 pS steps	±4 ns in 20 pS steps	±4 ns in 5 pS steps
<i>Note 1 Burst mode operation requires ECL levels and is DC coupled</i>			
<i>Note 2 Single-ended operation requires ext. cable connection from rear panel DATA THRESHOLD SMA</i>			

# Artisan Technology Group is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at [artisan<sup>tg</sup>.com](https://www.artisantg.com) for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

**We're here to make your life easier. How can we help you today?**

(217) 352-9330 | [sales@artisan<sup>tg</sup>.com](mailto:sales@artisan<sup>tg</sup>.com) | [artisan<sup>tg</sup>.com](https://www.artisantg.com)

