

## BGA Networks

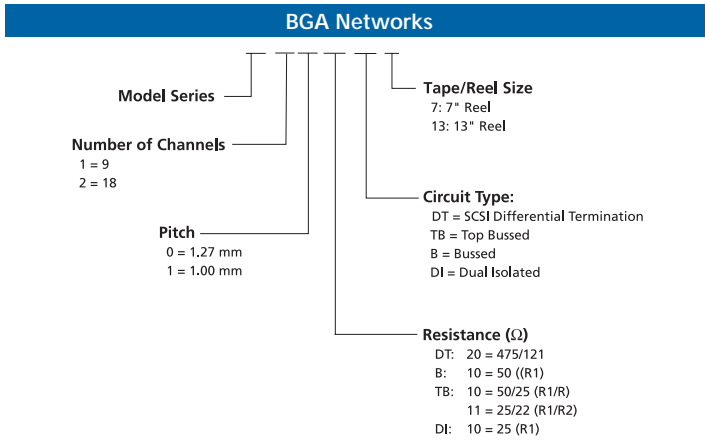


BGA Network

Model	BB1110B/BB1110TB/BB2110DI	BB1020DT
Resistance Nominal, Ohms	20 to 100	475/121/425
Ball Size (mm)	0.64/0.76	0.64/0.76
Pitch (mm)	1.27, 1	1.27, 1
Absolute Tolerance (%)	±1	±1
Ratio Tolerance (%)	±1	±1
Temperature Coefficient of Resistance (ppm/°C)	±200	±100
Operating Temperature (°C)	-55 to 125	-55 to 125
Interlead Capacitance (pF)	<0.1	<0.1
Application	DDR SDRAM	SCSI LVD

Specifications subject to change without notice.  
Consult factory for custom products.

### Ordering Information



### Notes

**BGA Networks**

#### Features

- Superior high frequency performance.
- Minimal stray capacitance and inductance.
- Surface mountable with automatic pick and place equipment.

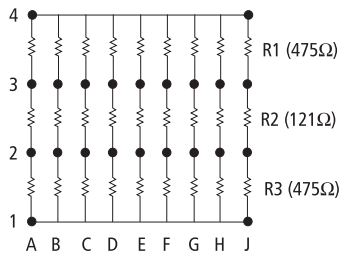
#### Applications

- DDR memory termination: BB1110TB, BB1110B, BB2110DI
  - 18 Bit SSTL-2 Termination Sets
  - Compliant to JEDEC Standard 8-9A.
- SCSI termination: BB1020DT7
  - SPI-2 (Ultra2) and SPI-3 (Ultra3) compliant
  - LVD termination for up to 9 lines

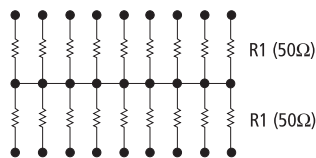
Packaging	
Reel Size (inches)	Part Count
7	1000
13	4000

### Schematics

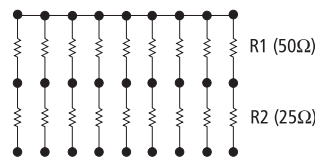
**BGA Networks**



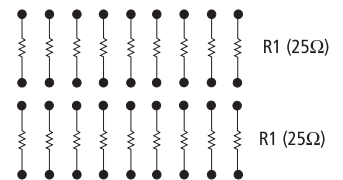
BB1020DT (SCSI LVD)



BB1110B (DDR SRAM)



DB1110TB (DDR SRAM)



BB2110DI (DDR SRAM)