Unidentified 8-bit ISA EGA Card
(Gemini/G2 GC201-PC)
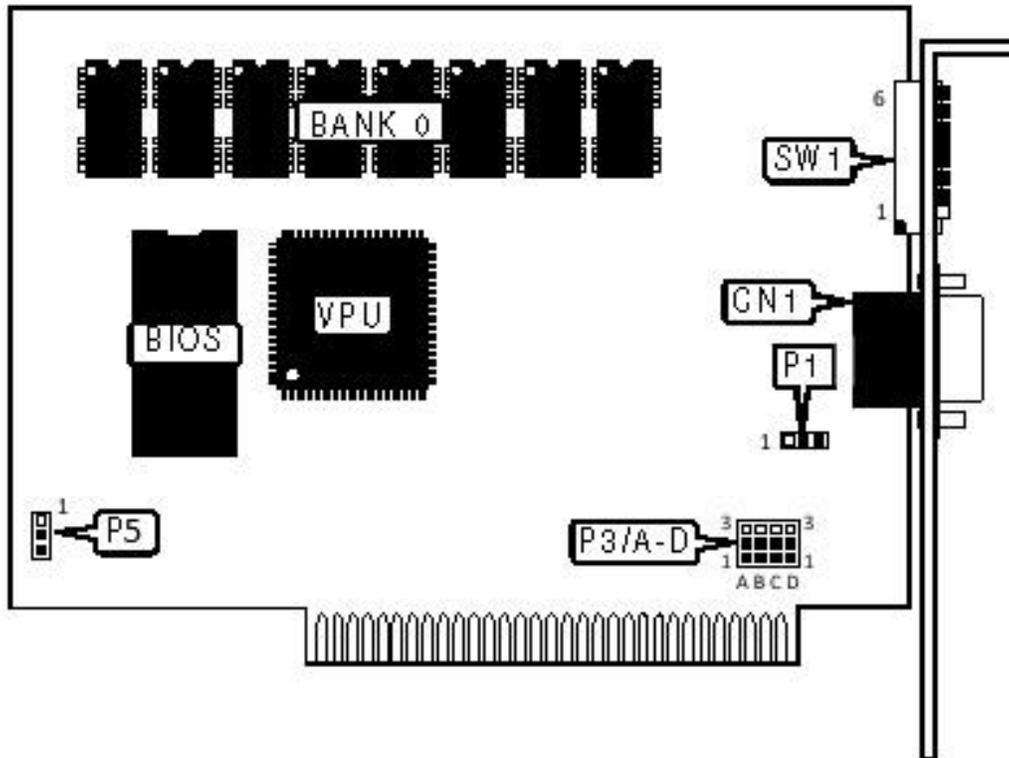
Connector	Function
CN1	EGA Port DE-9 female connector

SW1: Single Monitor Systems Configuration				
Monitor	SW1.1	SW1.2	SW1.3	SW1.4
RGB 40 x 25	ON / Closed	OFF / Open	OFF / Open	ON / Closed
RGB 80 x 25	OFF / Open	OFF / Open	OFF / Open	ON / Closed
ECD High Resolution	*OFF / Open*	*ON / Closed*	*ON / Closed*	*OFF / Open*
ECD Low Resolution	ON / Closed	ON / Closed	ON / Closed	OFF / Open
Monochrome	OFF / Open	OFF / Open	ON / Closed	OFF / Open

SW1: Two Monitor Systems Configuration (Primary monitor attached to EGA GC201-PC)					
Primary Monitor	SW1.1	SW1.2	SW1.3	SW1.4	Secondary Monitor
RGB 40 x 25	OFF / Open	ON / Closed	ON / Closed	OFF / Open	Monochrome
RGB 80 x 25	ON / Closed	ON / Closed	ON / Closed	OFF / Open	Monochrome
ECD High Resolution	OFF / Open	OFF / Open	OFF / Open	ON / Closed	Monochrome
ECD Low Resolution	ON / Closed	OFF / Open	OFF / Open	ON / Closed	Monochrome
Monochrome	OFF / Open	OFF / Open	ON / Closed	OFF / Open	RGB 80 x 25
Monochrome	ON / Closed	OFF / Open	ON / Closed	OFF / Open	RGB 40 x 25

SW1: Two Monitor Systems Configuration (Secondary monitor attached to EGA GC201-PC)					
Primary Monitor	**SW1.1**	**SW1.2**	**SW1.3**	**SW1.4**	**Secondary Monitor**
RGB 80 x 25	OFF / Open	ON / Closed	OFF / Open	ON / Closed	Monochrome
RGB 40 x 25	ON / Closed	ON / Closed	OFF / Open	ON / Closed	Monochrome
Monochrome	OFF / Open	OFF / Open	ON / Closed	ON / Closed	ECD High Resolution
Monochrome	ON / Closed	OFF / Open	ON / Closed	ON / Closed	ECD Low Resolution
Monochrome	OFF / Open	ON / Closed	ON / Closed	ON / Closed	RGB 80 x 25
Monochrome	ON / Closed	ON / Closed	ON / Closed	ON / Closed	RGB 40 x 25

Power On Mode Configuration			
Power On Mode	**Monitor Type**	**SW1.5**	**SW1.6**
EGA	*All*	*ON / Closed*	*ON / Closed*
MDA / Hercules	ECD / Monochrome	OFF / Open	ON / Closed
CGA	ECD /RGB	ON / Closed	OFF / Open

P1: Monitor Class Configuration	
Monitor Class	**P1 Jumper**
ECD Monitor	*1-2 Closed*
RGB / Mono Monitor	2-3 Closed

P3: Hardware Configuration	
Setting	**P3/A Jumper**
Normal operation	*1-2 Closed*
Select port 2XX	2-3 Closed
Setting	**P3/B Jumper**
NOT using Automode	*1-2 Closed*
Using Automode	2-3 Closed
Setting	**P3/C Jumper**
Card in IBM PC Slot 8	Closed 1-2
Card in standard ISA Slot	*Closed 2-3*
Setting	**P3/D Jumper**
Using Automode	Closed 1-3
NOT using Automode	*Closed 2-3*
NOTE: P3 jumper block may not be present in some cards and the hardware configuration may be hardwired	

P5: BIOS ROM Type	
ROM Type	**P5 Jumper**
27128	1-2 Closed
27256	2-3 Closed

Notes:

Hercules Graphics
To display Hercules graphics, a Monochrome monitor must be attached to the card with the appropriate hardware configuration settings.

Default Settings
Default hardware configuration settings are in italics.

BIOS ROM type
Use a 16KB ROM image with a 27128 chip and a 32KB ROM image with a 27256 chip. Some ROM utilities (e.g. RAMEGA) may not work with the 16KB/27128 configuration.