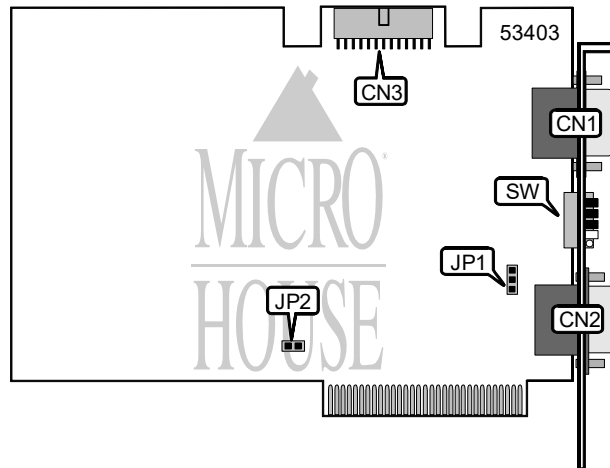


# GENOA SYSTEMS CORPORATION

## SUPERVGA HIRES-10 5200-10, SUPERVGA 5100

|                              |                                                                      |
|------------------------------|----------------------------------------------------------------------|
| Card Type                    | Video card                                                           |
| Video Chip Set               | Unidentified                                                         |
| Maximum Video Memory         | 512KB (SuperVGA Hires-10 5200-10)<br>256KB (SuperVGA 5100)           |
| Video Types Supported        | Monochrome, CGA, EGA, VGA, XVGA                                      |
| Highest Resolution Supported | 1024 x 768 (SuperVGA Hires-10 5200-10)<br>1056 x 480 (SuperVGA 5100) |
| Data Bus                     | 8-bit ISA                                                            |



| CONNECTIONS              |       |                         |       |
|--------------------------|-------|-------------------------|-------|
| Function                 | Label | Function                | Label |
| 15-pin analog video port | CN1   | Video feature connector | CN3   |
| 9-pin digital video port | CN2   |                         |       |

| USER CONFIGURABLE SETTINGS                 |       |                   |
|--------------------------------------------|-------|-------------------|
| Function                                   | Label | Position          |
| í Six color output enabled (EGA operation) | JP1   | Pins 2 & 3 closed |
| Five color output enabled (CGA operation)  | JP1   | Pins 1 & 2 closed |
| í IRQ 2 disabled                           | JP2   | Open              |
| IRQ 2 enabled                              | JP2   | Closed            |

| VIDEO MEMORY CONFIGURATION                         |
|----------------------------------------------------|
| Chips size and location of memory in unidentified. |

Continued on next page . . .

# GENOA SYSTEMS CORPORATION

## SUPERVGA HIRES-10 5200-10, SUPERVGA 5100

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| DISPLAY CONFIGURATION (1)                                                                |      |      |      |      |
|------------------------------------------------------------------------------------------|------|------|------|------|
| Display type                                                                             | SW/1 | SW/2 | SW/3 | SW/4 |
| IBM 5153 320x200 (CGA)                                                                   | On   | Off  | Off  | On   |
| IBM 5153 640x200 (CGA)                                                                   | Off  | Off  | Off  | On   |
| IBM 5154 640x200 (EGA)                                                                   | On   | On   | On   | Off  |
| IBM 5154 640x350 (EGA)                                                                   | Off  | On   | On   | Off  |
| IBM 5151 640x200 (MONO)                                                                  | On   | Off  | On   | Off  |
| IBM 5151 640x200 (MONO)                                                                  | Off  | Off  | On   | Off  |
| Multi-frequency TTL or analog                                                            | On   | On   | Off  | Off  |
| NEC Multisync Plus                                                                       | Off  | On   | Off  | Off  |
| NEC Multisync XL                                                                         | On   | Off  | Off  | Off  |
| IBM 8503, 8512, 8513, 8514 analog                                                        | Off  | Off  | Off  | Off  |
| Note: The above settings apply when SuperVGA Hires-10 is the only adapter in the system. |      |      |      |      |

| DISPLAY CONFIGURATION (2)                                                                                               |                   |      |      |      |      |
|-------------------------------------------------------------------------------------------------------------------------|-------------------|------|------|------|------|
| Primary display                                                                                                         | Secondary display | SW/1 | SW/2 | SW/3 | SW/4 |
| IBM 5153 320x200                                                                                                        | IBM 5151 640x200  | On   | Off  | Off  | On   |
| IBM 5153 640x200                                                                                                        | IBM 5151 640x200  | Off  | Off  | Off  | On   |
| IBM 5154 640x200                                                                                                        | IBM 5151 640x200  | On   | On   | On   | Off  |
| IBM 5154 640x350                                                                                                        | IBM 5151 640x200  | Off  | On   | On   | Off  |
| Multi-frequency TTL                                                                                                     | IBM 5151 640x200  | On   | On   | Off  | Off  |
| Note: The above settings apply when SuperVGA Hires-10 is primary adapter and monochrome adapter is secondary in system. |                   |      |      |      |      |

| DISPLAY CONFIGURATION (3)                                                                                               |                   |      |      |      |      |
|-------------------------------------------------------------------------------------------------------------------------|-------------------|------|------|------|------|
| Primary display                                                                                                         | Secondary display | SW/1 | SW/2 | SW/3 | SW/4 |
| IBM 5151 640x200                                                                                                        | IBM 5153 320x200  | On   | On   | On   | On   |
| IBM 5151 640x200                                                                                                        | IBM 5153 640x200  | Off  | On   | On   | On   |
| IBM 5151 640x200                                                                                                        | IBM 5154 640x200  | On   | Off  | On   | On   |
| IBM 5151 640x200                                                                                                        | IBM 5154 640x350  | Off  | Off  | On   | On   |
| Note: The above settings apply when monochrome adapter is primary adapter and SuperVGA Hires-10 is secondary in system. |                   |      |      |      |      |

| DISPLAY CONFIGURATION (4)                                                                                        |                   |      |      |      |      |
|------------------------------------------------------------------------------------------------------------------|-------------------|------|------|------|------|
| Primary display                                                                                                  | Secondary display | SW/1 | SW/2 | SW/3 | SW/4 |
| IBM 5151 640x200                                                                                                 | IBM 5153 40x25    | On   | Off  | On   | Off  |
| IBM 5151 640x200                                                                                                 | IBM 5153 80x25    | Off  | Off  | On   | Off  |
| Note: The above settings apply when SuperVGA Hires-10 is primary adapter and CGA adapter is secondary in system. |                   |      |      |      |      |

| DISPLAY CONFIGURATION (5)                                                                                        |                   |      |      |      |      |
|------------------------------------------------------------------------------------------------------------------|-------------------|------|------|------|------|
| Primary display                                                                                                  | Secondary display | SW/1 | SW/2 | SW/3 | SW/4 |
| IBM 5153 40x25                                                                                                   | IBM 5151 640x200  | On   | On   | Off  | On   |
| IBM 5153 80x25                                                                                                   | IBM 5151 640x200  | Off  | On   | Off  | On   |
| Note: The above settings apply when CGA is primary adapter and SuperVGA Hires-10 adapter is secondary in system. |                   |      |      |      |      |