



**GU256X128C-3900**  
**GU256X128C-3900B**  
**Comparison Chart**

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GU256X128C-3900 GU256X128C-3900B comparison chart  
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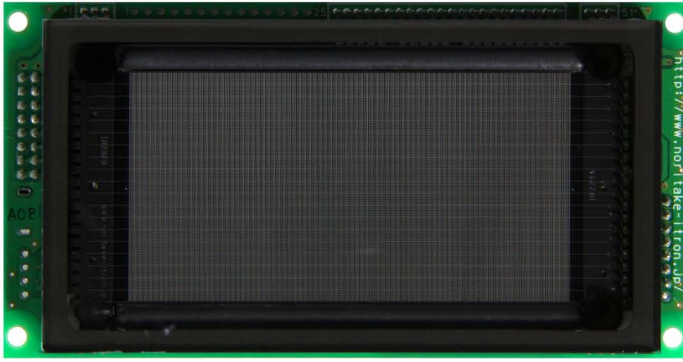
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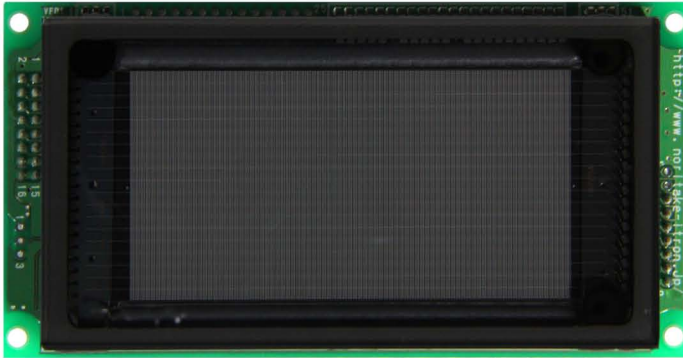
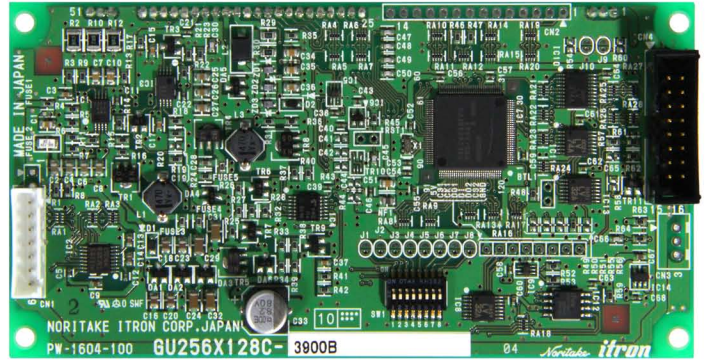
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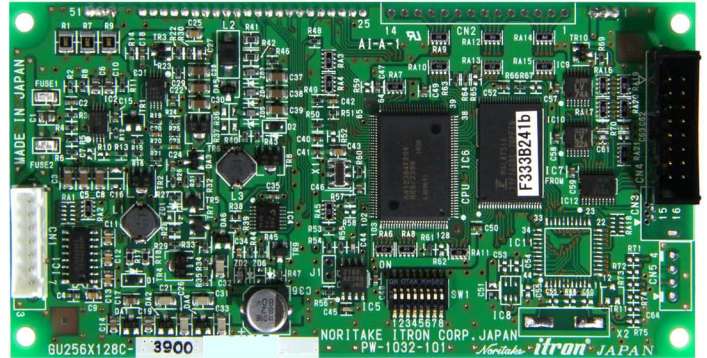
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GU256X128C-3900B



GU256X128C-3900



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Comparison Chart of VFD module

| Keynote  |   | * Replacement Item  |  |
|--|---|---|--|
| Changed  |   | GU256X128C-3900   | GU256X128C-3900B   |
| Absolute Maximum                                       | Power Supply Voltage                        | -0.3 to +6.0 V  | Same as left   |
|  | Logic Supply Voltage - Parallel             | -0.3 to Vcc+0.3 V   |  |
|  | Logic Supply Voltage - Serial               | -25 to +25 V  |  |
|  | Logic Supply Voltage - I/O Port             | -0.3 to Vcc+0.3 V   |  |
| Electrical Rating                                      | Power Supply                                | 5V +/- 5%   | Same as left   |
| Electrical Characteristics (Parallel - CMOS level)     | Input Current                               | I <sub>pH</sub> : Max. 1.0 μA<br>I <sub>pL</sub> : Max. -200 μA   | Same as left   |
|  | Input Voltage                               | V <sub>pH</sub> : 0.8Vcc to Vcc<br>V <sub>pL</sub> : 0 to 0.2Vcc  |  |
|  | Output Voltage                              | V <sub>pOH</sub> : 3.5 to Vcc (I <sub>OH</sub> =-10μA)<br>V <sub>pOL</sub> : 0 to 0.6 V (I <sub>OL</sub> =4mA)                                  |  |
| Electrical Characteristics (Serial - RS232 level)      | Input Voltage                               | V <sub>sIH</sub> : 3 to 15 V<br>V <sub>sIL</sub> : -15 to -3 V  | Same as left   |
|  | Output Voltage                              | V <sub>sOH</sub> : Min. 5 V (RL=3KΩ)<br>V <sub>sOL</sub> : Max. -5 V  |  |
|  | Input Impedence                             | 3 to 7 KΩ   |  |
| Electrical Characteristics (General Purpose I/O Ports) | Input Current                               | I <sub>iIH</sub> : Max. 1 μA<br>I <sub>iIL</sub> : Max. -200 μA   | Same as left   |
|  | Input Voltage - Port 0                      | V <sub>iIH</sub> : 2.0 to Vcc<br>V <sub>iIL</sub> : 0 to 0.8 V  |  |
|  | Input Voltage - Port 1                      | V <sub>iT-</sub> : Min. 1.0 V<br>V <sub>iT+</sub> : Max. 0.7 Vcc<br>V <sub>iT+</sub> - V <sub>iT-</sub> : Min. 0.4 V<br>(Schmidt Trigger input) |  |
|  | Output Voltage                              | V <sub>iOH</sub> : Min. Vcc-0.6 V (I <sub>OH</sub> =-200 μA)<br>V <sub>iOL</sub> : Max. 0.5 V (I <sub>OL</sub> =1.6 mA)                         |  |
|  | Output Current (Per 1 terminal)             | I <sub>oIH</sub> : Max. 1.5 mA<br>I <sub>oIL</sub> : Max. 8 mA  |  |
| Power Supply   | Output Current (Per Sum of all I/Oterminal) | I <sub>oIH</sub> : Max. 8 mA<br>I <sub>oIL</sub> : Max. 30 mA   | Same as left   |
|  | Power Supply Current 1 (All dots ON)        | Typical: 0.85 A<br>Max: 1.1 A   |  |
|  | Power Supply Current 2 (All dots OFF)       | Typical: 0.68 A<br>Max: 0.89 A  |  |
|  | Power Supply Current 3 (Display power OFF)  | Typical: 80 mA<br>Max: 120 mA   |  |
| Optical Specification                                  | Power Consumption (All dots ON)             | Typical: 4.25 W<br>Max: 5.5 W   | Same as left   |
|  | Number of dots                              | 32,768 (256 X 128)  |  |
|  | Display Area                                | 83.08 mm x 41.48 mm   |  |
|  | Dot size                                    | 0.225 mm x 0.225 mm   |  |
|  | Dot pitch                                   | 0.325 mm x 0.325 mm   |  |
| Color & Brightness                                     | Blue Green, 250 cd/m2 Min (500 cd/m2 Typ.)  |   |  |
| Environmental Condition                                | Operating Temp.                             | -40 to + 85 Deg C   | Same as left   |
|  | Storage Temp.                               | -40 to + 85 Deg C   |  |
|  | Operating humidity                          | 20 to 80 % RH   |  |
|  | Vibration                                   | 10 ~ 55 ~ 10 Hz (Frequency)<br>1.0 mm (Total Amplitude)<br>30 min (Duration)<br>X, Y, Z each direction  |  |
|  | Shock                                       | 392 m/S^2 9 mS  |  |
| Interface  | Type of interface                           | 8 Bit Parallel (C-MOS)<br>Serial (RS-232)<br>General Purpose I/O Port (GPIO)  | Same as left   |
|  | Serial (RS-232) Buffer Memory               | Receive Buffer = 256 bytes<br>Transmit Buffer = 128 bytes   |  |
|  | RS-232 Communication Setting                | Baud Rate 1: 38.4K bps (Default)<br>Baud Rate 2: 19.2K bps<br>Data Bit: 8<br>Start/Stop Bit: 1<br>Parity: None                                  |  |
|  | Timing                                      | -   |  |
|  |   |   | Baud Rate 1: 38.4K bps (Default)<br>Baud Rate 2: 19.2K bps<br><b>Baud Rate 3: 4,800 bps</b><br><b>Baud Rate 4: 9,600 bps</b><br><b>Baud Rate 5: 57.6K bps</b><br><b>Baud Rate 6: 115K bps</b><br>Data Bit: 8<br>Start/Stop Bit: 1<br>Parity Setting 1: None (Default)<br><b>Parity Setting 2: Even</b><br><b>Parity Setting 3: Odd</b> |
|  |   |   | <b>Compatible</b>  |

Comparison Chart of VFD module

| Keynote              |                                       | * Replacement Item  |  |
|----------------------|---------------------------------------|---|--|
| Changed              |                                       | GU256X128C-3900   | GU256X128C-3900B   |
| External Setting     | Dip Switch                            | 1 - 4: Display address select<br>5: Baud rate select<br>6: Command mode select<br>7: Operating mode select<br>8: Protocol select                          | 1 - 4: Display address select<br>5: <b>RS-232 interface setting</b><br>6: Command mode select<br>7: Operating mode select<br>8: Protocol select  |
| Memory               | Display Memory                        | 8,192 bytes (512X128 dots)  | Same as left   |
|                      | Bit Image Memory - RAM                | 1,028 bytes   | <b>4,096 bytes</b>   |
|                      | Bit Image Memory - FROM               | 32,768 bytes  | Same as left   |
|                      | Bit Image Memory - FROM Extension     | 262,144 bytes   | Same as left   |
|                      | Macro Memory - RAM                    | 256 bytes   | <b>16K bytes</b>   |
|                      | Macro Memory - FROM                   | 16K bytes (4K X 4 Channels)   | Same as left   |
|                      | General Purpose Memory - RAM          | N/A   | <b>1,024 bytes</b>   |
|                      | General Purpose Memory - FROM         | N/A   | <b>64K bytes (4K X 16 Channels)</b>  |
| Character            | Available Character Codes (Font Size) | ASCII + International (6x8, 8x16, 16x32)<br>Japanese Kanji (16x16)<br>Simplified Chinese (16x16)<br>Traditional Chinese (16x16)<br>Korean (16x16)         | ASCII + International (6x8, 8x16, <b>12x24</b> , 16x32)<br>Japanese Kanji (16x16, <b>32x32</b> )<br>Simplified Chinese (16x16)<br>Traditional Chinese (16x16)<br>Korean (16x16)        |
|                      | User Definable Font - RAM             | Up to 16 Words<br>Available Font Size<br>1 byte code: 6x8, 8x16<br>2 bytes code: 16x16  | Up to 16 Words<br>Available Font Size<br>1 byte code: 6x8, 8x16, <b>12x24</b> , 16x32<br>2 bytes code: 16x16, <b>32x32</b>   |
|                      | User Definable Font - FROM            | Up to 128 Words for 1 byte characters<br>Available Font Size: 6x8, 8x16, 16x32<br><br>Up to 16 Words for 2 bytes characters<br>Available Font Size: 16x16 | Up to 128 Words for 1 byte characters<br>Available Font Size: 6x8, 8x16, <b>12x24</b> , 16x32<br><br>Up to 16 Words for 2 bytes characters<br>Available Font Size: 16x16, <b>32x32</b> |
| Function             | Commands                              | <b>See Command Comparison Chart</b>   |  |
| Mechanical Dimension | Outline                               | 131.0 mm +/- 0.4 mm x 66.0 mm +/- 0.7 mm  |  |
|                      | Mounting Holes                        | Horizontally :<br>125.0 mm +/- 0.35 mm<br>Vertically :<br>58.0 mm +/- 0.30 mm   |  |
|                      | VFD Height                            | 12.9 mm +/- 1.0 mm (from the surface of PCB)  |  |
|                      | Parts (components) Height             | Max. 10 mm (from the surface of PCB)  |  |

Document Referenced:

- GU256X128C-3xxx hardware spec. Rev.00 (Date: 10/1/10)
- GU256X128dot-39xx software spec. Rev.03 (Date: 1/16/09)
- GU256X128C-3900b hardware spec. Rev. 02 (Date: 03/03/11)
- GU-3900B series "General Function" Software Specification (Date: 10/27/10)

## Command Comparison Chart

### Key note

Changed Parameter

Added Command(s)

|                                    | Command name                          | Available In |          |
|------------------------------------|---------------------------------------|--------------|----------|
|                                    |                                       | GU-3900      | GU-3900B |
| Character Code                     | Character display                     | Yes          | Yes      |
| Control Code                       | Back Space                            | Yes          | Yes      |
|                                    | Horizontal Tab                        | Yes          | Yes      |
|                                    | Line feed                             | Yes          | Yes      |
|                                    | Home Position                         | Yes          | Yes      |
|                                    | Carriage Return                       | Yes          | Yes      |
|                                    | Display Clear                         | Yes          | Yes      |
|                                    | Line Clear                            | -            | Yes      |
|                                    | Line end clear                        | -            | Yes      |
| General Setting Commands           | Brightness level setting              | Yes          | Yes      |
|                                    | Initialize Display                    | Yes          | Yes      |
|                                    | Cursor Set                            | Yes          | Yes      |
|                                    | Cursor display                        | Yes          | Yes      |
| Character Display Setting Commands | Write screen mode select              | Yes          | Yes      |
|                                    | International font set                | Yes          | Yes      |
|                                    | Character Table type                  | Yes          | Yes      |
|                                    | Over-Write mode                       | Yes          | Yes      |
|                                    | Vertical Scroll mode                  | Yes          | Yes      |
|                                    | Horizontal Scroll mode                | Yes          | Yes      |
|                                    | Horizontal scroll mode Scroll ON      | -            | Yes      |
|                                    | Horizontal Scroll speed               | Yes          | Yes      |
|                                    | Font size select                      | Yes          | Yes      |
|                                    | 2-byte Character                      | Yes          | Yes      |
|                                    | 2-byte character type                 | Yes          | Yes      |
|                                    | Font width                            | -            | Yes      |
|                                    | FROM extended font                    | -            | Yes      |
|                                    | Font magnification                    | Yes          | Yes      |
| Bold character                     | Yes                                   | Yes          |          |
| Display Action Setting Commands    | Wait                                  | Yes          | Yes      |
|                                    | Short Wait                            | Yes          | Yes      |
|                                    | Scroll display action                 | Yes          | Yes      |
|                                    | Blink                                 | Yes          | Yes      |
|                                    | Curtain display action                | Yes          | Yes      |
|                                    | Spring display action                 | Yes          | Yes      |
|                                    | Random display action                 | Yes          | Yes      |
|                                    | Display Power ON/OFF                  | Yes          |          |
|                                    | Display Power ON/OFF + AUTO-OFF       | -            | Yes      |
| Display power auto-OFF time        | -                                     | Yes          |          |
| Bit Image Display Setting Commands | Dot drawing                           | Yes          | Yes      |
|                                    | Line/Box pattern drawing              | Yes          | Yes      |
|                                    | Dot unit downloaded bit image display | -            | Yes      |
|                                    | Dot unit real-time bit image display  | -            | Yes      |
|                                    | Dot unit character display            | -            | Yes      |
|                                    | Real-time bit image display           | Yes          | Yes      |
|                                    | RAM bit image definition              | Yes          | Yes      |
|                                    | F-ROM bit image definition            | Yes          | Yes      |
|                                    | Download bit image display            | Yes          | Yes      |
|                                    | Downloaded bit image scroll display   | Yes          | Yes      |

## Command Comparison Chart

### Key note

Changed Parameter

Added Command(s)

|   | Command name                             | Available In |          |
|---|--|--------------|----------|
|   |  | GU-3900      | GU-3900B |
| General Display Setting Commands          | Horizontal scroll display quality select | Yes          | Yes      |
|   | Reverse display                          | Yes          | Yes      |
|   | Write mixture display mode               | Yes          | Yes      |
| Window Display Setting Commands           | Window select                            | Yes          | Yes      |
|   | User Window definition or cancel         | Yes          | Yes      |
| Download Character Setting Commands       | Download character ON/OFF                | Yes          | Yes      |
|   | Download character definition            | Yes          | Yes      |
|   | Download character delete                | Yes          | Yes      |
|   | 16x16 Downloaded character definition    | Yes          | Yes      |
|   | 16x16 Downloaded character delete        | Yes          | Yes      |
|   | 32x32 Download character defintion       | -            | Yes      |
|   | 32x32 Downloaded character delete        | -            | Yes      |
|   | Download character save                  | Yes          | Yes      |
|   | Download character restore               | Yes          | Yes      |
|   | FROM user font defintion                 | Yes          | Yes      |
| FROM extension font defintion             | -  | Yes          |          |
| User Setup Mode Setting Commands          | User-Set up mode start                   | Yes          | Yes      |
|   | User-Set up mode end                     | Yes          | Yes      |
| General-Purpose I/O Port Control Commands | I/O ports "input/output" setting         | Yes          | Yes      |
|   | I/O port Output                          | Yes          | Yes      |
|   | I/O port Input                           | Yes          | Yes      |
| Macro Setting Commands                    | RAM macro define/delete                  | Yes          | Yes      |
|   | FROM macro define/delete                 | Yes          | Yes      |
|   | Macro execution                          | Yes          | Yes      |
|   | Macro end condition                      | -            | Yes      |
| Other Setting Commands                    | Memory SW setting                        | Yes          | Yes      |
|   | Memory SW data send                      | Yes          | Yes      |
|   | General-purpose memory store             | -            | Yes      |
|   | General-purpose memory transfer          | -            | Yes      |
|   | General-purpose memory send              | -            | Yes      |
|   | Display status send                      | Yes          | Yes      |
|   | RS-232 serial settings                   | -            | Yes      |
| DMA Mode                                  | Memory re-write mode                     | Yes          | Yes      |
|   | Bit image write                          | Yes          | Yes      |
|   | BOX Area Bit Image Write                 | Yes          | Yes      |
|   | Display start address                    | Yes          | Yes      |
|   | Display synchronous                      | Yes          | Yes      |
|   | Brightness level                         | Yes          | Yes      |





Command Code Comparison Chart

Key note

|                   |
|-------------------|
| Changed Parameter |
| Added Command(s)  |

| Command name                     | Available In |          | Code - Hex value |          |          |          |          |   |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
|----------------------------------|--------------|----------|------------------|----------|----------|----------|----------|---|---|---|---|-----------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|--|--|--|--|--|--|
|                                  | GU-3900      | GU-3900B | 1st byte         | 2nd byte | 3rd byte | 4th byte | 5th byte | 6th byte  | 7th byte  | 8th byte  | 9th byte  | 10th byte | 11th byte   | 12th byte | 13th byte | 14th byte | 15th byte | 16th byte | 17th byte | 18th byte | 19th byte | 20th byte | 21th byte | 22th byte | 23th byte |  |  |  |  |  |  |  |  |
| Download character restore       | Yes          | Yes      | 1F               | 28       | 65       | 11       | a        | (a=1,2,3,4,5,6 / 1="6X8", 2="8X16", 3="16X16", 4="16X32", 5="32X32", 6="12X24")                         |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| FROM user font defintion         | Yes          | Yes      | 1F               | 28       | 65       | 21       | a        | (a=1,2,3 / 1="6X8", 2="8X16", 3="16X16")  |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| FROM extension font defintion    | Yes          | Yes      | 1F               | 28       | 65       | 13       | m        | P(80-1)   | P(80-2)   | -P(f(n))  | (m=1,2,4 / 1="6X8", 2="8X16", 4="16X32", 256x64, 256x128, 320x32) |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| User-Set up mode start           | Yes          | Yes      | 1F               | 28       | 65       | 01       | 49       | 4E  | (m=1,2,3,4 / 1="6X8", 2="8X16", 3="12X24", 4="16X32") |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| User-Set up mode end             | Yes          | Yes      | 1F               | 28       | 65       | 02       | 4F       | 55  | 54  |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| I/O ports "input/output" setting | Yes          | Yes      | 1F               | 28       | 70       | 01       | n        | a   |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| I/O port Output                  | Yes          | Yes      | 1F               | 28       | 70       | 10       | n        | a   |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| I/O port Input                   | Yes          | Yes      | 1F               | 28       | 70       | 20       | n        |   |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| RAM macro define/delete          | Yes          | Yes      | 1F               | 3A       | pL       | pH       | d(n)     |   |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| FROM macro define/delete         | Yes          | Yes      | 1F               | 28       | 65       | 12       | a        | pL  | pH  | t1  | t2  | d(n)      | (t1, t2 = multiples of time unit. See Time Unit Chart below.) |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| Macro execution                  | Yes          | Yes      | 1F               | 5E       | a        | t1       | t2       | (t1, t2 = multiples of time unit. See Time Unit Chart below.)   |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| Macro end condition              | Yes          | Yes      | 1F               | 28       | 69       | 20       | a        | b   | c   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| Memory SW setting                | Yes          | Yes      | 1F               | 28       | 65       | 03       | a        | b   |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| Memory SW data send              | Yes          | Yes      | 1F               | 28       | 65       | 04       | a        |   |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| General-purpose memory store     | Yes          | Yes      | 1F               | 28       | 65       | 18       | sL       | sH  | sE  | m1  | a1L   | a1H       | a1E   | d(n)      |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| General-purpose memory transfer  | Yes          | Yes      | 1F               | 28       | 65       | 19       | sL       | sH  | sE  | m1  | a1L   | a1H       | a1E   | m2        | a2L       | a2H       | a2E       |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| General-purpose memory send      | Yes          | Yes      | 1F               | 28       | 65       | 28       | sL       | sH  | sE  | m1  | a1L   | a1H       | a1E   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| Display status send              | Yes          | Yes      | 1F               | 28       | 65       | 40       | a        | b   | c   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| RS-232 serial settings           | Yes          | Yes      | 1F               | 28       | 69       | 10       | a        | b   | c   | (a=0,1,2,3,4,5,6 \ 4800bps-115200bps b=0,1,2 \ 0: None parity, 1: Even, 2: Odd) |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| Memory re-write mode             | Yes          | Yes      | 1C               | 7C       | 4D       | D0       | 4D       | 4F  | 44  | 45  | 49  | 4E        |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| <b>DMA mode</b>                  |              |          |                  |          |          |          |          |   |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| Bit image write                  | Yes          | Yes      | 02               | 44       | DAD      | 46       | aL       | aH  | sL  | sH  | d(n)  |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| BOX Area Bit Image Write         | Yes          | Yes      | 02               | 44       | DAD      | 42       | aL       | aH  | sXL   | sXH   | sYL   | sYH       | d(n)  |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| Display start address            | Yes          | Yes      | 02               | 44       | DAD      | 53       | aL       | aH  |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| Display synchronous              | Yes          | Yes      | 02               | 44       | DAD      | 57       | 01       |   |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |
| Brightness level                 | Yes          | Yes      | 02               | 44       | DAD      | 58       | n        | (n=0 to 4 and 10h to 18h / 0=0%, 1=25%, 2=50%, 3=75%, 4=100%, 10h=0%, 11h=12.5%, 12h=25%,..., 18h=100%) |   |   |   |           |   |           |           |           |           |           |           |           |           |           |           |           |           |  |  |  |  |  |  |  |  |

| Time Unit Chart           | Timing unit +/-5% |       |
|---------------------------|-------------------|-------|
| Display Screen Resolution | 3900              | 3900B |
| 128x128                   | N/A               | 14 ms |
| 256x16                    | 14 ms             | 14 ms |
| 256x32                    | 14 ms             | 14 ms |
| 256x64                    | 14 ms             | 14 ms |
| 256x128                   | 16 ms             | 15 ms |
| 320x32                    | 14 ms             | 14 ms |
| 384x32                    | 13 ms             | 13 ms |
| 512x32                    | 14 ms             | 14 ms |

<- 128x128 is available in 3900B only.

Note: 256x16 does only have 6x8 and 8x16 character mode for 1 byte mode.

Document referenced: GU-3900B series "General Function" Software Specification (Date: 10/27/10)  
 GU256x128dot-39xx software spec. Rev.03      GU256x32dot-39xx software spec. Rev.02      GU320x32dot-39xx software spec. Rev.02      GU512x32dot-39xx software spec. Rev.02  
 GU256x16dot-39xx software spec. Rev.02      GU256x64dot-39xx software spec. Rev.02      GU384x32dot-39xx software spec. Rev.02

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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