

The FRU data format shall be compliant with IPMI specifications. The current version of these specifications is available at:

<http://developer.intel.com/design/servers/ipmi/spec.htm>

This application note is applicable for the following products.

D1U4CS-D-2100-54-HA3DC
D1U4CS-D-2100-52-HA3DC
D1U4CS-W-2200-12-HA4C
D1U4CS-W-2200-12-HA3C
D1U4CS-W-2200-12-HC3C
D1U4CS-W-2200-12-HC4C

D1U4CS-D-2100-54-HA3DC

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|-----------------------------------|
| 0 | 1 | | Format Version |
| 1 | 0 | | Internal use area Starting Offset |
| 2 | 0 | | Chassis Info Area Starting Offset |
| 3 | 0 | | Board Info Area Starting Offset |
| 4 | 1 | | Product Info Area Starting Offset |
| 5 | 0 | | Multi Record Area Starting Offset |
| 6 | 0 | | PAD |
| 7 | FE | þ | Common Header Checksum |
| 8 | 1 | | Format Version |
| 9 | 9 | | Area Length |
| A | 19 | | Unicode Prim Language |
| B | C9 | É | Manufacturer Type-Length |
| C | 4D | M | Manufacturer Bytes |
| D | 75 | u | Manufacturer Bytes |
| E | 72 | r | Manufacturer Bytes |
| F | 61 | a | Manufacturer Bytes |
| 10 | 74 | t | Manufacturer Bytes |
| 11 | 61 | a | Manufacturer Bytes |
| 12 | 2D | - | Manufacturer Bytes |
| 13 | 50 | P | Manufacturer Bytes |
| 14 | 53 | S | Manufacturer Bytes |
| 15 | C6 | Æ | Product Name Type-Length |
| 16 | 4D | M | Product Name Bytes |
| 17 | 44 | D | Product Name Bytes |
| 18 | 31 | 1 | Product Name Bytes |
| 19 | 37 | 7 | Product Name Bytes |
| 1A | 32 | 2 | Product Name Bytes |
| 1B | 32 | 2 | Product Name Bytes |
| 1C | D6 | Ö | Product Part Number Type-Length |
| 1D | 44 | D | Manufacturer PartNumber Bytes |
| 1E | 31 | 1 | Manufacturer PartNumber Bytes |
| 1F | 55 | U | Manufacturer PartNumber Bytes |
| 20 | 34 | 4 | Manufacturer PartNumber Bytes |
| 21 | 43 | C | Manufacturer PartNumber Bytes |
| 22 | 53 | S | Manufacturer PartNumber Bytes |



For full details go to
www.murata-ps.com/rohs

D1U4CS-D-2100-54-HA3DC (continued from previous page)

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|--|
| 23 | 2D | - | Manufacturer PartNumber Bytes |
| 24 | 44 | D | Manufacturer PartNumber Bytes |
| 25 | 2D | - | Manufacturer PartNumber Bytes |
| 26 | 32 | 2 | Manufacturer PartNumber Bytes |
| 27 | 31 | 1 | Manufacturer PartNumber Bytes |
| 28 | 30 | 0 | Manufacturer PartNumber Bytes |
| 29 | 30 | 0 | Manufacturer PartNumber Bytes |
| 2A | 2D | - | Manufacturer PartNumber Bytes |
| 2B | 35 | 5 | Manufacturer PartNumber Bytes |
| 2C | 34 | 4 | Manufacturer PartNumber Bytes |
| 2D | 2D | - | Manufacturer PartNumber Bytes |
| 2E | 48 | H | Manufacturer PartNumber Bytes |
| 2F | 41 | A | Manufacturer PartNumber Bytes |
| 30 | 33 | 3 | Manufacturer PartNumber Bytes |
| 31 | 44 | D | Manufacturer PartNumber Bytes |
| 32 | 43 | C | Manufacturer PartNumber Bytes |
| 33 | C0 | À | unused field - Product Version Type-Length |
| 34 | CC | ì | Product Serial Number Type-Length |
| 35 | 50 | P | Product Serial number - product code |
| 36 | 50 | P | Product Serial number - product code |
| 37 | 59 | Y | Product Serial number - year |
| 38 | 59 | Y | Product Serial number - year |
| 39 | 57 | W | Product Serial number - week |
| 3A | 57 | W | Product Serial number - week |
| 3B | 52 | R | Product Serial number - rev level |
| 3C | 52 | R | Product Serial number - rev level |
| 3D | 58 | X | Product Serial number |
| 3E | 58 | X | Product Serial number |
| 3F | 58 | X | Product Serial number |
| 40 | 58 | X | Product Serial number |
| 41 | C0 | À | unused field - Asset Tag |
| 42 | C0 | À | unused field - FRU file ID |
| 43 | C0 | À | unused field - custom field 1 |
| 44 | C0 | À | unused field - custom field 2 |
| 45 | C0 | À | unused field - custom field 3 |
| 46 | C0 | À | unused field - custom field 4 |
| 47 | C1 | Á | end information |
| 48 | 0 | | pad with nulls |
| 49 | 0 | | pad with nulls |
| 4A | 0 | | pad with nulls |
| 4B | 0 | | pad with nulls |
| 4C | 0 | | pad with nulls |
| 4D | 0 | | pad with nulls |
| 4E | 0 | | pad with nulls |
| 4F | 15 | | Product Info Area Checksum** |

* remaining locations filled with 00

** two's complement checksum from add x08 to x4E

D1U4CS-D-2100-52-HA3DC

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|--|
| 0 | 1 | | Format Version |
| 1 | 0 | | Internal use area Starting Offset |
| 2 | 0 | | Chassis Info Area Starting Offset |
| 3 | 0 | | Board Info Area Starting Offset |
| 4 | 1 | | Product Info Area Starting Offset |
| 5 | 0 | | Multi Record Area Starting Offset |
| 6 | 0 | | PAD |
| 7 | FE | b | Common Header Checksum |
| 8 | 1 | | Format Version |
| 9 | 9 | | Area Length |
| A | 19 | | Unicode Prim Language |
| B | C9 | É | Manufacturer Type-Length |
| C | 4D | M | Manufacturer Bytes |
| D | 75 | u | Manufacturer Bytes |
| E | 72 | r | Manufacturer Bytes |
| F | 61 | a | Manufacturer Bytes |
| 10 | 74 | t | Manufacturer Bytes |
| 11 | 61 | a | Manufacturer Bytes |
| 12 | 2D | - | Manufacturer Bytes |
| 13 | 50 | P | Manufacturer Bytes |
| 14 | 53 | S | Manufacturer Bytes |
| 15 | C6 | Æ | Product Name Type-Length |
| 16 | 54 | T | Product Name Bytes |
| 17 | 51 | Q | Product Name Bytes |
| 18 | 31 | 1 | Product Name Bytes |
| 19 | 37 | 7 | Product Name Bytes |
| 1A | 38 | 8 | Product Name Bytes |
| 1B | 32 | 2 | Product Name Bytes |
| 1C | D6 | Ö | Product Part Number Type-Length |
| 1D | 44 | D | Manufacturer PartNumber Bytes |
| 1E | 31 | 1 | Manufacturer PartNumber Bytes |
| 1F | 55 | U | Manufacturer PartNumber Bytes |
| 20 | 34 | 4 | Manufacturer PartNumber Bytes |
| 21 | 43 | C | Manufacturer PartNumber Bytes |
| 22 | 53 | S | Manufacturer PartNumber Bytes |
| 23 | 2D | - | Manufacturer PartNumber Bytes |
| 24 | 44 | D | Manufacturer PartNumber Bytes |
| 25 | 2D | - | Manufacturer PartNumber Bytes |
| 26 | 32 | 2 | Manufacturer PartNumber Bytes |
| 27 | 31 | 1 | Manufacturer PartNumber Bytes |
| 28 | 30 | 0 | Manufacturer PartNumber Bytes |
| 29 | 30 | 0 | Manufacturer PartNumber Bytes |
| 2A | 2D | - | Manufacturer PartNumber Bytes |
| 2B | 35 | 5 | Manufacturer PartNumber Bytes |
| 2C | 32 | 2 | Manufacturer PartNumber Bytes |
| 2D | 2D | - | Manufacturer PartNumber Bytes |
| 2E | 48 | H | Manufacturer PartNumber Bytes |
| 2F | 41 | A | Manufacturer PartNumber Bytes |
| 30 | 33 | 3 | Manufacturer PartNumber Bytes |
| 31 | 44 | D | Manufacturer PartNumber Bytes |
| 32 | 43 | C | Manufacturer PartNumber Bytes |
| 33 | C0 | À | unused field - Product Version Type-Length |
| 34 | CC | ì | Product Serial Number Type-Length |

D1U4CS-D-2100-52-HA3DC (continued from previous page)

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|--------------------------------------|
| 35 | 50 | P | Product Serial number - product code |
| 36 | 50 | P | Product Serial number - product code |
| 37 | 59 | Y | Product Serial number - year |
| 38 | 59 | Y | Product Serial number - year |
| 39 | 57 | W | Product Serial number - week |
| 3A | 57 | W | Product Serial number - week |
| 3B | 52 | R | Product Serial number - rev level |
| 3C | 52 | R | Product Serial number - rev level |
| 3D | 58 | X | Product Serial number |
| 3E | 58 | X | Product Serial number |
| 3F | 58 | X | Product Serial number |
| 40 | 58 | X | Product Serial number |
| 41 | C0 | À | unused field - Asset Tag |
| 42 | C0 | À | unused field - FRU file ID |
| 43 | C0 | À | unused field - custom field 1 |
| 44 | C0 | À | unused field - custom field 2 |
| 45 | C0 | À | unused field - custom field 3 |
| 46 | C0 | À | unused field - custom field 4 |
| 47 | C1 | Á | end information |
| 48 | 0 | | pad with nulls |
| 49 | 0 | | pad with nulls |
| 4A | 0 | | pad with nulls |
| 4B | 0 | | pad with nulls |
| 4C | 0 | | pad with nulls |
| 4D | 0 | | pad with nulls |
| 4E | 0 | | pad with nulls |
| 4F | 15 | | Product Info Area Checksum** |

* remaining locations filled with 00

** two's complement checksum from add x08 to x4E

D1U4CS-W-2200-12-HA4C

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|-----------------------------------|
| 0 | 1 | | Format Version |
| 1 | 0 | | Internal use area Starting Offset |
| 2 | 0 | | Chassis Info Area Starting Offset |
| 3 | 0 | | Board Info Area Starting Offset |
| 4 | 1 | | Product Info Area Starting Offset |
| 5 | 0 | | Multi Record Area Starting Offset |
| 6 | 0 | | PAD |
| 7 | FE | þ | Common Header Checksum |
| 8 | 1 | | Format Version |
| 9 | 8 | | Area Length |
| A | 19 | | Unicode Prim Language |
| B | C9 | É | Manufacturer Type-Length |
| C | 4D | M | Manufacturer Bytes |
| D | 75 | u | Manufacturer Bytes |
| E | 72 | r | Manufacturer Bytes |
| F | 61 | a | Manufacturer Bytes |
| 10 | 74 | t | Manufacturer Bytes |
| 11 | 61 | a | Manufacturer Bytes |
| 12 | 2D | - | Manufacturer Bytes |
| 13 | 50 | P | Manufacturer Bytes |
| 14 | 53 | S | Manufacturer Bytes |

D1U4CS-W-2200-12-HA4C (continued from previous page)

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|--|
| 15 | C6 | Æ | Product Name Type-Length |
| 16 | 52 | R | Product Name Bytes |
| 17 | 48 | H | Product Name Bytes |
| 18 | 31 | 1 | Product Name Bytes |
| 19 | 36 | 6 | Product Name Bytes |
| 1A | 39 | 9 | Product Name Bytes |
| 1B | 39 | 9 | Product Name Bytes |
| 1C | D5 | Õ | Product Part Number Type-Length |
| 1D | 44 | D | Manufacturer PartNumber Bytes |
| 1E | 31 | 1 | Manufacturer PartNumber Bytes |
| 1F | 55 | U | Manufacturer PartNumber Bytes |
| 20 | 34 | 4 | Manufacturer PartNumber Bytes |
| 21 | 43 | C | Manufacturer PartNumber Bytes |
| 22 | 53 | S | Manufacturer PartNumber Bytes |
| 23 | 2D | - | Manufacturer PartNumber Bytes |
| 24 | 57 | W | Manufacturer PartNumber Bytes |
| 25 | 2D | - | Manufacturer PartNumber Bytes |
| 26 | 32 | 2 | Manufacturer PartNumber Bytes |
| 27 | 32 | 2 | Manufacturer PartNumber Bytes |
| 28 | 30 | 0 | Manufacturer PartNumber Bytes |
| 29 | 30 | 0 | Manufacturer PartNumber Bytes |
| 2A | 2D | - | Manufacturer PartNumber Bytes |
| 2B | 31 | 1 | Manufacturer PartNumber Bytes |
| 2C | 32 | 2 | Manufacturer PartNumber Bytes |
| 2D | 2D | - | Manufacturer PartNumber Bytes |
| 2E | 48 | H | Manufacturer PartNumber Bytes |
| 2F | 41 | A | Manufacturer PartNumber Bytes |
| 30 | 34 | 4 | Manufacturer PartNumber Bytes |
| 31 | 43 | C | Manufacturer PartNumber Bytes |
| 32 | C0 | À | unused field - Product Version Type-Length |
| 33 | CC | ì | Product Serial Number Type-Length |
| 34 | 50 | P | Product Serial number - product code |
| 35 | 50 | P | Product Serial number - product code |
| 36 | 59 | Y | Product Serial number - year |
| 37 | 59 | Y | Product Serial number - year |
| 38 | 57 | W | Product Serial number - week |
| 39 | 57 | W | Product Serial number - week |
| 3A | 52 | R | Product Serial number - rev level |
| 3B | 52 | R | Product Serial number - rev level |
| 3C | 58 | X | Product Serial number |
| 3D | 58 | X | Product Serial number |
| 3E | 58 | X | Product Serial number |
| 3F | 58 | X | Product Serial number |
| 40 | C0 | À | unused field - Asset Tag |
| 41 | C0 | À | unused field - FRU file ID |
| 42 | C0 | À | unused field - custom field 1 |
| 43 | C0 | À | unused field - custom field 2 |
| 44 | C0 | À | unused field - custom field 3 |
| 45 | C0 | À | unused field - custom field 4 |
| 46 | C1 | Á | end information |
| 47 | 36 | 6 | Product Info Area Checksum** |

* remaining locations filled with 00

** two's complement checksum from add x08 to x46

D1U4CS-W-2200-12-HA3C

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|--|
| 0 | 1 | | Format Version |
| 1 | 0 | | Internal use area Starting Offset |
| 2 | 0 | | Chassis Info Area Starting Offset |
| 3 | 0 | | Board Info Area Starting Offset |
| 4 | 1 | | Product Info Area Starting Offset |
| 5 | 0 | | Multi Record Area Starting Offset |
| 6 | 0 | | PAD |
| 7 | FE | b | Common Header Checksum |
| 8 | 1 | | Format Version |
| 9 | 8 | | Area Length |
| A | 19 | | Unicode Prim Language |
| B | C9 | É | Manufacturer Type-Length |
| C | 4D | M | Manufacturer Bytes |
| D | 75 | u | Manufacturer Bytes |
| E | 72 | r | Manufacturer Bytes |
| F | 61 | a | Manufacturer Bytes |
| 10 | 74 | t | Manufacturer Bytes |
| 11 | 61 | a | Manufacturer Bytes |
| 12 | 2D | - | Manufacturer Bytes |
| 13 | 50 | P | Manufacturer Bytes |
| 14 | 53 | S | Manufacturer Bytes |
| 15 | C6 | Æ | Product Name Type-Length |
| 16 | 52 | R | Product Name Bytes |
| 17 | 48 | H | Product Name Bytes |
| 18 | 31 | 1 | Product Name Bytes |
| 19 | 37 | 7 | Product Name Bytes |
| 1A | 30 | 0 | Product Name Bytes |
| 1B | 36 | 6 | Product Name Bytes |
| 1C | D5 | Õ | Product Part Number Type-Length |
| 1D | 44 | D | Manufacturer PartNumber Bytes |
| 1E | 31 | 1 | Manufacturer PartNumber Bytes |
| 1F | 55 | U | Manufacturer PartNumber Bytes |
| 20 | 34 | 4 | Manufacturer PartNumber Bytes |
| 21 | 43 | C | Manufacturer PartNumber Bytes |
| 22 | 53 | S | Manufacturer PartNumber Bytes |
| 23 | 2D | - | Manufacturer PartNumber Bytes |
| 24 | 57 | W | Manufacturer PartNumber Bytes |
| 25 | 2D | - | Manufacturer PartNumber Bytes |
| 26 | 32 | 2 | Manufacturer PartNumber Bytes |
| 27 | 32 | 2 | Manufacturer PartNumber Bytes |
| 28 | 30 | 0 | Manufacturer PartNumber Bytes |
| 29 | 30 | 0 | Manufacturer PartNumber Bytes |
| 2A | 2D | - | Manufacturer PartNumber Bytes |
| 2B | 31 | 1 | Manufacturer PartNumber Bytes |
| 2C | 32 | 2 | Manufacturer PartNumber Bytes |
| 2D | 2D | - | Manufacturer PartNumber Bytes |
| 2E | 48 | H | Manufacturer PartNumber Bytes |
| 2F | 41 | A | Manufacturer PartNumber Bytes |
| 30 | 33 | 3 | Manufacturer PartNumber Bytes |
| 31 | 43 | C | Manufacturer PartNumber Bytes |
| 32 | C0 | À | unused field - Product Version Type-Length |

D1U4CS-W-2200-12-HA3C (continued from the previous page)

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|--------------------------------------|
| 33 | CC | ì | Product Serial Number Type-Length |
| 34 | 50 | P | Product Serial number - product code |
| 35 | 50 | P | Product Serial number - product code |
| 36 | 59 | Y | Product Serial number - year |
| 37 | 59 | Y | Product Serial number - year |
| 38 | 57 | W | Product Serial number - week |
| 39 | 57 | W | Product Serial number - week |
| 3A | 52 | R | Product Serial number - rev level |
| 3B | 52 | R | Product Serial number - rev level |
| 3C | 58 | X | Product Serial number |
| 3D | 58 | X | Product Serial number |
| 3E | 58 | X | Product Serial number |
| 3F | 58 | X | Product Serial number |
| 40 | C0 | À | unused field - Asset Tag |
| 41 | C0 | À | unused field - FRU file ID |
| 42 | C0 | À | unused field - custom field 1 |
| 43 | C0 | À | unused field - custom field 2 |
| 44 | C0 | À | unused field - custom field 3 |
| 45 | C0 | À | unused field - custom field 4 |
| 46 | C1 | Á | end information |
| 47 | 42 | B | Product Info Area Checksum** |

* remaining locations filled with 00

** two's complement checksum from add x08 to x46

D1U4CS-W-2200-12-HC3C

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|-----------------------------------|
| 0 | 1 | | Format Version |
| 1 | 0 | | Internal use area Starting Offset |
| 2 | 0 | | Chassis Info Area Starting Offset |
| 3 | 0 | | Board Info Area Starting Offset |
| 4 | 1 | | Product Info Area Starting Offset |
| 5 | 0 | | Multi Record Area Starting Offset |
| 6 | 0 | | PAD |
| 7 | FE | þ | Common Header Checksum |
| 8 | 1 | | Format Version |
| 9 | 8 | | Area Length |
| A | 19 | | Unicode Prim Language |
| B | C9 | É | Manufacturer Type-Length |
| C | 4D | M | Manufacturer Bytes |
| D | 75 | u | Manufacturer Bytes |
| E | 72 | r | Manufacturer Bytes |
| F | 61 | a | Manufacturer Bytes |
| 10 | 74 | t | Manufacturer Bytes |
| 11 | 61 | a | Manufacturer Bytes |
| 12 | 2D | - | Manufacturer Bytes |
| 13 | 50 | P | Manufacturer Bytes |
| 14 | 53 | S | Manufacturer Bytes |
| 15 | C6 | Æ | Product Name Type-Length |
| 16 | 52 | R | Product Name Bytes |
| 17 | 48 | H | Product Name Bytes |
| 18 | 31 | 1 | Product Name Bytes |
| 19 | 37 | 7 | Product Name Bytes |
| 1A | 30 | 0 | Product Name Bytes |
| 1B | 37 | 7 | Product Name Bytes |

D1U4CS-W-2200-12-HC3C (continued from the previous page)

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|--|
| 1C | D5 | Õ | Product Part Number Type-Length |
| 1D | 44 | D | Manufacturer PartNumber Bytes |
| 1E | 31 | 1 | Manufacturer PartNumber Bytes |
| 1F | 55 | U | Manufacturer PartNumber Bytes |
| 20 | 34 | 4 | Manufacturer PartNumber Bytes |
| 21 | 43 | C | Manufacturer PartNumber Bytes |
| 22 | 53 | S | Manufacturer PartNumber Bytes |
| 23 | 2D | - | Manufacturer PartNumber Bytes |
| 24 | 57 | W | Manufacturer PartNumber Bytes |
| 25 | 2D | - | Manufacturer PartNumber Bytes |
| 26 | 32 | 2 | Manufacturer PartNumber Bytes |
| 27 | 32 | 2 | Manufacturer PartNumber Bytes |
| 28 | 30 | 0 | Manufacturer PartNumber Bytes |
| 29 | 30 | 0 | Manufacturer PartNumber Bytes |
| 2A | 2D | - | Manufacturer PartNumber Bytes |
| 2B | 31 | 1 | Manufacturer PartNumber Bytes |
| 2C | 32 | 2 | Manufacturer PartNumber Bytes |
| 2D | 2D | - | Manufacturer PartNumber Bytes |
| 2E | 48 | H | Manufacturer PartNumber Bytes |
| 2F | 43 | C | Manufacturer PartNumber Bytes |
| 30 | 33 | 3 | Manufacturer PartNumber Bytes |
| 31 | 43 | C | Manufacturer PartNumber Bytes |
| 32 | C0 | À | unused field - Product Version Type-Length |
| 33 | CC | ì | Product Serial Number Type-Length |
| 34 | 50 | P | Product Serial number - product code |
| 35 | 50 | P | Product Serial number - product code |
| 36 | 59 | Y | Product Serial number - year |
| 37 | 59 | Y | Product Serial number - year |
| 38 | 57 | W | Product Serial number - week |
| 39 | 57 | W | Product Serial number - week |
| 3A | 52 | R | Product Serial number - rev level |
| 3B | 52 | R | Product Serial number - rev level |
| 3C | 58 | X | Product Serial number |
| 3D | 58 | X | Product Serial number |
| 3E | 58 | X | Product Serial number |
| 3F | 58 | X | Product Serial number |
| 40 | C0 | À | unused field - Asset Tag |
| 41 | C0 | À | unused field - FRU file ID |
| 42 | C0 | À | unused field - custom field 1 |
| 43 | C0 | À | unused field - custom field 2 |
| 44 | C0 | À | unused field - custom field 3 |
| 45 | C0 | À | unused field - custom field 4 |
| 46 | C1 | Á | end information |
| 47 | 3F | ? | Product Info Area Checksum** |

* remaining locations filled with 00

** two's complement checksum from add x08 to x46

D1U4CS-W-2200-12-HC4C

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|--|
| 0 | 1 | | Format Version |
| 1 | 0 | | Internal use area Starting Offset |
| 2 | 0 | | Chassis Info Area Starting Offset |
| 3 | 0 | | Board Info Area Starting Offset |
| 4 | 1 | | Product Info Area Starting Offset |
| 5 | 0 | | Multi Record Area Starting Offset |
| 6 | 0 | | PAD |
| 7 | FE | b | Common Header Checksum |
| 8 | 1 | | Format Version |
| 9 | 8 | | Area Length |
| A | 19 | | Unicode Prim Language |
| B | C9 | É | Manufacturer Type-Length |
| C | 4D | M | Manufacturer Bytes |
| D | 75 | u | Manufacturer Bytes |
| E | 72 | r | Manufacturer Bytes |
| F | 61 | a | Manufacturer Bytes |
| 10 | 74 | t | Manufacturer Bytes |
| 11 | 61 | a | Manufacturer Bytes |
| 12 | 2D | - | Manufacturer Bytes |
| 13 | 50 | P | Manufacturer Bytes |
| 14 | 53 | S | Manufacturer Bytes |
| 15 | C6 | Æ | Product Name Type-Length |
| 16 | 52 | R | Product Name Bytes |
| 17 | 48 | H | Product Name Bytes |
| 18 | 31 | 1 | Product Name Bytes |
| 19 | 37 | 7 | Product Name Bytes |
| 1A | 30 | 0 | Product Name Bytes |
| 1B | 38 | 8 | Product Name Bytes |
| 1C | D5 | Õ | Product Part Number Type-Length |
| 1D | 44 | D | Manufacturer PartNumber Bytes |
| 1E | 31 | 1 | Manufacturer PartNumber Bytes |
| 1F | 55 | U | Manufacturer PartNumber Bytes |
| 20 | 34 | 4 | Manufacturer PartNumber Bytes |
| 21 | 43 | C | Manufacturer PartNumber Bytes |
| 22 | 53 | S | Manufacturer PartNumber Bytes |
| 23 | 2D | - | Manufacturer PartNumber Bytes |
| 24 | 57 | W | Manufacturer PartNumber Bytes |
| 25 | 2D | - | Manufacturer PartNumber Bytes |
| 26 | 32 | 2 | Manufacturer PartNumber Bytes |
| 27 | 32 | 2 | Manufacturer PartNumber Bytes |
| 28 | 30 | 0 | Manufacturer PartNumber Bytes |
| 29 | 30 | 0 | Manufacturer PartNumber Bytes |
| 2A | 2D | - | Manufacturer PartNumber Bytes |
| 2B | 31 | 1 | Manufacturer PartNumber Bytes |
| 2C | 32 | 2 | Manufacturer PartNumber Bytes |
| 2D | 2D | - | Manufacturer PartNumber Bytes |
| 2E | 48 | H | Manufacturer PartNumber Bytes |
| 2F | 43 | C | Manufacturer PartNumber Bytes |
| 30 | 34 | 4 | Manufacturer PartNumber Bytes |
| 31 | 43 | C | Manufacturer PartNumber Bytes |
| 32 | C0 | À | unused field - Product Version Type-Length |

D1U4CS-W-2200-12-HC4C (continued from the previous page)

| Address (Hex) | Data (Hex) | Data (ASCII) | Description (IPMI) |
|---------------|------------|--------------|--------------------------------------|
| 33 | CC | ì | Product Serial Number Type-Length |
| 34 | 50 | P | Product Serial number - product code |
| 35 | 50 | P | Product Serial number - product code |
| 36 | 59 | Y | Product Serial number - year |
| 37 | 59 | Y | Product Serial number - year |
| 38 | 57 | W | Product Serial number - week |
| 39 | 57 | W | Product Serial number - week |
| 3A | 52 | R | Product Serial number - rev level |
| 3B | 52 | R | Product Serial number - rev level |
| 3C | 58 | X | Product Serial number |
| 3D | 58 | X | Product Serial number |
| 3E | 58 | X | Product Serial number |
| 3F | 58 | X | Product Serial number |
| 40 | C0 | À | unused field - Asset Tag |
| 41 | C0 | À | unused field - FRU file ID |
| 42 | C0 | À | unused field - custom field 1 |
| 43 | C0 | À | unused field - custom field 2 |
| 44 | C0 | À | unused field - custom field 3 |
| 45 | C0 | À | unused field - custom field 4 |
| 46 | C1 | Á | end information |
| 47 | 3D | = | Product Info Area Checksum** |

* remaining locations filled with 00

** two's complement checksum from add x08 to x46

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ISO 9001 and 14001 REGISTERED



This product is subject to the following [operating requirements](#) and the [Life and Safety Critical Application Sales Policy](#):
Refer to: <http://www.murata-ps.com/requirements/>

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