


**kontron**

# PRE-PROGRAMMED PART RELEASE

Doc no.

|   |  |  |   |   |   |      |
|---|--|--|---|---|---|------|
| <b>A</b>  | Prepared by  | Date   | Checked by                                    | Date  | Approved by   | Date |
|   | <input style="width: 100%;" type="text"/>  |  | <input style="width: 100%;" type="text"/>     |   | <input style="width: 100%;" type="text"/>   |      |
| <b>B</b>  | Programmed part P/N  |  | Programmed part description                   |   |   |      |
|   | <input style="width: 100%;" type="text"/>  |  | <input style="width: 100%;" type="text"/>     |   |   |      |
| <b>C</b>  | Blank part P/N   | Blank part description <sup>1</sup>                        |   | Device package  | Type  |      |
|   | <input style="width: 100%;" type="text"/>  | <input style="width: 100%;" type="text"/>                  |   | <input style="width: 100%;" type="text"/>   | <input style="width: 100%;" type="text"/>   |      |
| <b>D</b>  | <b>Labelling/marketing methods</b><br>Information may be either laser engraved on the integrated circuit (IC) or printed on a label.<br>If a label is used, both label and adhesive must be RoHS compliant, ESD compliant and heat resistant to resist lead-free/RoHS reflow soldering process temperature (min. 260°C).<br>Label or marking must not cover the pin 1 identifier of the IC.<br><br>A color dot can be accepted if the part is too small to receive a label and it should be placed close to the pin 1. |  |   | <b>Label/marketing information <sup>2</sup></b><br><br>Line 1: <input style="width: 100%;" type="text"/><br><br>Line 2: <input style="width: 100%;" type="text"/><br><br>Line 3: <input style="width: 100%;" type="text"/><br><br>Line 4: <input style="width: 100%;" type="text"/> |   |      |
|   | <b>Orientation of label/marketing <sup>2</sup></b>   |  |   |   |   |      |
|   | <b>Config A:</b> <input type="checkbox"/><br>  |  | <b>Config B:</b> <input type="checkbox"/><br> |   | <b>Config C:</b> <input type="checkbox"/><br>   |      |
|   | <b>Config D:</b> <input type="checkbox"/><br>  |  |   |   |   |      |
|   |  |  |   |   |   |      |
| <b>E</b>  | Software description:  | <input style="width: 100%;" type="text"/>                  |   | Device checksum:  | <input type="radio"/> 8-bit <input type="radio"/> 16-bit <input type="radio"/> 32-bit |      |
|   | Software revision:   | <input style="width: 100%;" type="text"/>                  |   |   | <input type="radio"/> h <input type="radio"/> h <input type="radio"/> h               |      |
|   | Filename:  | <input style="width: 100%;" type="text"/>                  |   | Offset:   | <input type="radio"/> h   |      |
|   | File size in bytes:  | <input style="width: 100%;" type="text"/>                  |   | Memory fill:  | <input type="radio"/> 00h <input type="radio"/> FFh <input type="radio"/> No Fill     |      |
|   | MD5 file checksum:   | <input style="width: 100%;" type="text"/>                  |   |   | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>            |      |
|   | Protected sectors <sup>3</sup> :   | <input type="checkbox"/> Yes / <input type="checkbox"/> No |   |   |   |      |
|   | Special instructions:  | <input style="width: 100%;" type="text"/>                  |   |   |   |      |
| N.B. Data file must be used as is, <b>no byte swapping is necessary</b> at programming stage unless stated otherwise in the Special instructions. |  |  |   |   |   |      |
| <b>F</b>  | Additional first article required by Kontron <sup>4</sup> :  |  |   | <input type="checkbox"/> Yes / <input type="checkbox"/> No  |   |      |
|   | Quantity required:   |  |   | <input style="width: 100%;" type="text"/>   |   |      |

<sup>1</sup> Refer to AMPL for blank part description.

<sup>2</sup> The red area denotes the location of PIN 1 of the chip.

<sup>3</sup> Refer to the special instructions field for details on sectors to be protected.

<sup>4</sup> Kontron's requirements for first articles **does not** wave the contract manufacturer responsibilities of testing the first articles on its side.