|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 3 | ESCC Component No. (If Applicable): | Click here to enter text. | | | |
| 4 | Component Designation | Click here to enter text. | | | |
| 5 | Irradiation Spec. | ESCC Basic Specification No.22900 | | | Issue: Click here to enter text. |
|  |  | Other | (Give details): Click here to enter text. | | |
| 6 | Specifications | Generic Click here to enter text. | | Issue Click here to enter text. | |
| Detail Click here to enter text. | | Issue Click here to enter text. | |
| 7 | Acceptance | Diffusion | |  | |
| Lot | |  | |
| 8 | Sample Size | Click here to enter text. | | | |
| Control Devices | Click here to enter text. | | | |
| 9 | Project/Programme | Click here to enter text. | | | |
| 10 | Family | Click here to enter text. | | | |
| 11 | Group | Click here to enter text. | | | |
| 12 | Package | Click here to enter text. | | | |
| 13 | Manufacturer | Name | Click here to enter text. | | |
|  |  | Address | Click here to enter text. | | |
| 14 | Wafer Fabrication Plant | Name | Click here to enter text. | | |
| Address | Click here to enter text. | | |
| 15 | Technology | Click here to enter text. | | | |
| 16 | Die Manufacturer | Name | Click here to enter text. | | |
| Address | Click here to enter text. | | |
| 17 | Test House | Name | Click here to enter text. | | |
| Address | Click here to enter text. | | |
| 18 | Originator | Name |  | | |
| Telephone |  | | |

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| 19 | Facility | Click here to enter text. | | | | |
|  | Source | Click here to enter text. | | | | |
| 20 | Manufacturing Date Code | Click here to enter text. | | | | |
| 21 | Irradiation |  | |  | | |
|  |  | Single | | |  |  |
|  |  | Multiple | | |  |  |
| 22 | Irradiation Measurement Interval |  | | | | |
|  |  | Biased |  |  | | |
|  |  | Unbiased |  |  | | |
|  |  | Bias Circuit: Click here to enter text. | | | | |
|  |  | Supply Voltages: Click here to enter text. | | | | |
|  |  | Temp: ºC: Click here to enter text. | | | | |
|  |  | Duration: Click here to enter text. | | | | |
|  |  |  | | | | |
| 23 | Level of Interest |  | | | | |
| 24 | Single Irradiation |  | | | | |
|  |  | Dose (krad(Si)): Click here to enter text. | | | | |
|  |  | Dose Rate (rad(Si)s-1): Click here to enter text. | | | | |
|  |  | Exposure Time: Click here to enter text. | | | | |
|  |  |  | | | | |
| 25 | |  |  |  |  | | --- | --- | --- | --- | | Multiple  Irradiation Steps | Dose (krad(Si)) | Dose Rate (rad(Si)s-1) | Exposure Time | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  |   Click here to enter text. | | | | | |

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| 26 | Irradiation Conditions | Biased (Remote Test) | |  | Bias Circuit Ref: Click here to enter text. |
| Unbiased (Remote Test) | |  | Supply Voltages: Click here to enter text. |
| In-Situ Test | |  | Bias Circuit Checks: Click here to enter text. |
| Click here to enter text. | | | |
|  | | | |
| 27 | Anneal Test |  | | | |
|  | Biased |  | | |
|  | Unbiased |  | | |
|  | Bias Circuit: Click here to enter text. | | | |
|  | Supply Voltages: Click here to enter text. | | | |
|  | Temp: ºC: Click here to enter text. | | | |
|  | Duration: Click here to enter text. | | | |
| 28 | Electrical Parameters to be tested | | | | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | No. | Characteristics | Symbol | Spec and/or Test Method | Test Conditions | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | | | | | |

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| 29 | Irradiation Test Sequence   |  |  |  | | --- | --- | --- | | Step No. | Description | Requirements | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | | |
| 30 | Remarks | Click here to enter text. |