## nexperia

## **Quarterly Reliability Monitoring Results**

Quarters: Q3/2021 to Q4/2022 Based on structural similarity

ots # Quantity # Rejects below all parts see below
below all parts see below
below all parts see below
below all parts see below
8 66640 0
11960 0
11900 0
1760 0
14800 0
14800 0
11000 0
14800 0
14800 0
16720 0
10/20 0
5520 0
5010 0

[1] The maximum applied voltage is limited by test chamber set up and does not exceed 115V.

## Calculation of FIT and MTTF

Test considered for FIT calculation: High Temperature Reverse Bias (HTRB, Test #B1) Confidence level 60%, derated to 55 °C, activation energy 0.7 eV, test time 168 to 1000 hours

2,82E+09

© 2023 Nexperia B.V.

All information hereunder is per Nexperia's best knowledge. This document does not provide for any representation or warranty express or implied by Nexperia. In case Nexperia has tested the product, this documentation reflects the outcome of the analysis of the actually tested parts only.

nexperia.com