



Product Termination Notification (PTN)

| | | | |
|-------------------------|---|-------------------------|---|
| PTN #: | PTN_VarTVS_20220629 | Change Category: | <input checked="" type="checkbox"/> End of Life |
| Affected Series: | WE-TVS; 824014881, 824013, 824098024 | | |
| PTN Date: | December 29, 2021 | | |
| Effective Date: | June 29, 2022 | | |
| Last Order: | June 29, 2022 | | |
| Last Shipment: | December 29, 2022 | | |
| Contact: | Product Management | Attachment: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
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DESCRIPTION OF TERMINATION:

Due to a product portfolio realignment, Würth Elektronik will discontinue the parts 824014881, 824013, 824098024

ALTERNATIVE PRODUCT / SOURCE:

All parts have a direct replacement shown in the following overview table. The table show the electrical values of the discontinued and the replacement parts. The green marked cells show the electrical values of the replacement part which has better performance than the discontinued part.

| | 824014881 → 824014883 | 824013 → 824015043 | 824098024 → 824094024 |
|------------------------------------|-----------------------|--------------------|-----------------------|
| Status | PTN | Active | PTN |
| I _{peak} (A) | 4 | 5 | 6 |
| V _{ESD Air} (kV) | 15 | 30 | 30 |
| V _{ESD Contact} (kV) | 10 | 12 | 30 |
| Channels | 8 | 4+1 | 2 |
| V _{Ch max.} (V) | 1.2 | 3.3 | 24 |
| V _{DC max.} (V) | - | 3.8 | - |
| V _{BR min.} (V) | 4.5 | 4.5 | 26.2 |
| I _{Ch Leak max} (µA) | 0.5 | 1 | 0.5 |
| I _{Leak max} (µA) | - | 5 | 2 |
| V _{F typ.} (V) | 0.9 | 0.6 | 0.7 |
| C _{Ch typ.} (pF) | 0.35 | 0.5 | 35 |
| C _{Cross typ.} (pF) | 0.03 | 0.04 | 0.2 |
| V _{Ch Clamp ESD typ.} (V) | 7 | 9 | 32.5 |
| V _{Ch Clamp typ.} (V) | - | 6 | 32.5 |
| Polarity | Unidirectional | Unidirectional | Bidirectional |
| Package | DFN3810-9L | SOT23-6L | SOT23-3L |

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RELIABILITY / QUALIFICATION SUMMARY:

Product approval of all parts is according to internal requirements released by the Total Quality Department and the Product Management Department.