



# SGMII Gb Ethernet PCS IP

IP Version: v1.7.1

## Release Notes

FPGA-RN-02035-1.0

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# 1. Introduction

This document contains the Release Notes for the SGMII Gb Ethernet PCS IP. For specific details about the IP, refer to the following:

- [SGMII Gb Ethernet PCS IP User Guide \(FPGA-IPUG-02077\)](#)

**Note:** These release notes document the changes from IP version v.1.7.1 and Lattice Radiant™ software version 2024.2 and above.

## SGMII Gb Ethernet PCS IP v1.7.1

| Software        | Software Version | Summary of Changes   |
|-----------------|------------------|--|
| Lattice Radiant | 2024.2           | <ul style="list-style-type: none"><li>• Added LN2-CT-20 device support.</li><li>• Added enhancements for improved signal integrity for Avant device support.</li></ul> |

## SGMII Gb Ethernet PCS IP v1.6.2 and Below

| Software        | Software Version     | Summary of Changes   |
|-----------------|----------------------|--|
| Lattice Radiant | 2024.1 SP1 and below | Refer to the Release Notes section in <i>introduction.html</i> in the Radiant software installation folder or the IP server for details on changes made in previous versions of this IP. |

## References

- [SGMII Gb Ethernet PCS IP User Guide \(FPGA-IPUG-02077\)](#)
- [Avant-E web page](#)
- [Avant-G web page](#)
- [Avant-X web page](#)
- [Certus-NX web page](#)
- [CertusPro-NX web page](#)
- [CrossLink-NX web page](#)
- [MachXO5-NX web page](#)
- [Lattice Solutions IP Cores web page](#)
- [Lattice Solutions Reference Designs web page](#)
- [Lattice Solutions Boards web page](#)
- [Lattice Solutions Demonstrations web page](#)
- [Lattice Propel Builder software web page](#)
- [Lattice Radiant FPGA design software web page](#)
- [Lattice Insights](#) for Lattice Semiconductor training courses and learning plans

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For frequently asked questions, please refer to the Lattice Answer Database at [www.latticesemi.com/Support/AnswerDatabase](http://www.latticesemi.com/Support/AnswerDatabase)



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