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FPGA DE1-SoC Cyclone V Overlay  
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The Intel SoC FPGA Embedded Development Suite Standard Edition, Version 20.1 includes functional and security updates. Users should keep their software up-to-date and follow the technical recommendations to

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The Intel FPGA SDK for OpenCL Software Pro Edition, Version 19.4 is subject to removal from the web when support for all devices in this release are available in a newer version, or all devices supported by this version are obsolete.

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[Download Center for FPGAs -  
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The Intel SoC FPGA Hardware Library (HWLIB) was created to address the needs of low-level software programmers who require full access to the

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is centered on upstreaming fixes

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and improvements of the SoC  
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primarily to kernel.org and  
DENX.de. Consequently, Intel  
assembled a Linux team with  
upstreaming as a key strategy.

Intel® SoC FPGAs Tools and

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With an embedded hard processor system (HPS) based on a quad-core 64 bit Arm\* Cortex\*-A53, the Intel ® Stratix ® 10 SoC devices deliver power efficient, application-class processing and allow designers to

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[Intel Stratix 10 GX/SX Device](#)

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## Overview

If your design uses VHDL, refer to this KDB solution to avoid an issue that might cause a hardware failure if you synthesize in Quartus Prime Pro Edition Design Software, Version 20.3. The Quartus Prime Pro Edition



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Design Software, Version 20.3 includes functional and security updates. Users should keep their software up-to-date and follow the technical recommendations to help improve security.

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Starting with Quartus v20.1 Intel® ships Arm DS for Intel® SoC FPGAs. Arm DS-5 can be used with Quartus v19.4 and earlier versions. Please refer to the following KDB Solution .

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TI USB GUI to access LMK04828  
on Arria 10 SoC Development kit  
by SoC\_Developer on 10-11-2020  
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