USB Solutions

Indesign has a thorough understanding of USB standards, requirements, features and protocols for use in products requiring a USB interface. We have developed class-specific designs for a number of different end products and applications. Our engineers have implemented designs using solutions from a number of different semiconductor providers and can optimize a solution for your application. Our experience includes device and host products that are USB 1.1, 2.0 and 3.0 Low-Speed, Full-Speed, High-Speed and SuperSpeed compliant.

Indesign's engineering team is comprised of engineers with expertise in hardware and software design that can assist you in choosing the appropriate solutions for your application. We are well suited to modify existing solutions and customize them to your exact specifications and product requirements. We have state of the art protocol analyzers and tools to verify that the product performs as desired.
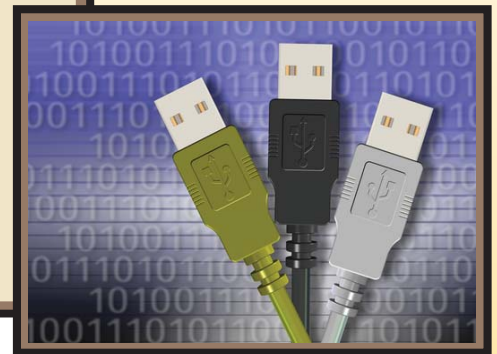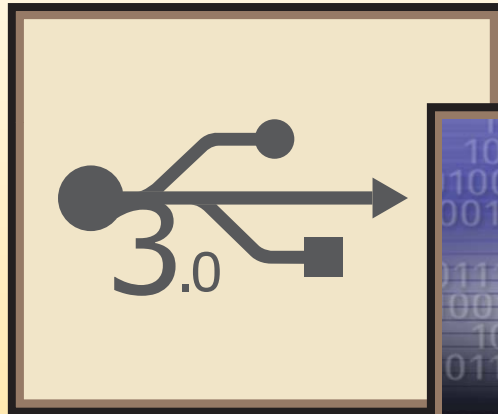
USB Device Classes

- Audio
- HID
- PHDC
- Mass Storage
- CDC
- Video
- Vendor Defined

Design Experience

- Firmware download
- Flash card interfaces
- Multi-channel audio
- USB power management
- Virtual COM ports
- Interface translators

Product Applications

- Consumer Electronics
- Wireless devices
- Audio/Video devices
- Industrial products
- Medical devices
- Custom test tools

About Indesign:

Indesign is a multi-discipline engineering design firm that provides full turnkey electronic product development to allow clients to get their new product ideas into the market quickly. Indesign offers complete product development capabilities, starting with a product concept and finishing with a ready-to-manufacture design. Indesign has an ISO 9001 certified quality management system and a proven track record for on-time, on-budget, high quality product realization.

Indesign provides specific design engineering services and expertise in electrical design, RF/wireless design, embedded software design, and mechanical design. Indesign also provides engineering services and expertise in a variety of other technical areas including systems engineering, human factors, project management and product validation testing. Indesign engineers can complement a client's in-house design engineering staff, working in partnership with clients on joint development projects.

Indesign
ENGINEERING EXCELLENCE

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