MANUFACTURING





KERNEL

DESIGN CAPABILITIES

PERIPHERAL



- ✓ Services
- Support





TIME.COST.RISK



HARDWARE / MECHANICAL

CSS can take your design from concept to PCB. Our in-house capabilities allow us to design and rapid prototype both SMT and through hole PCB assemblies. Additionally, CSS can help take your mechanical design to production using our professional inhouse resources as well as outside tooling services.



SOFTWARE

Our embedding design expertise, coupled with our systems design skills, allow us to deliver products that are cutting edge, solid and robust. Embedded DSP/uC designs including embedded Linux, DSP/BIOS, TI DaVinci™ DVSDK, iOS, Android, as well as custom OS systems are within our portfolio. In addition, we also offer advanced signal processing algorithms, advanced imaging, VoIP (Voice over IP), RoIP (Radio over IP), and other communication systems.



MANUFACTURING

We provide in-house manufacturing services for prototyping, or ongoing product deliveries. Our equipment is state of the art, allowing us to provide manufacturing capabilities utilizing the latest SMT/BGA devices, with a high level of quality.

AREAS OF EXPERTISE



- APPLICATIONS Digital Audio/Video, Signal Processing, Wireless/Wired Communications, Custom Algorithm Design, Custom OS Drivers for Linux or Windows, iOS, Android, Embedded BSP, Embedded GUI Design, Instrumentation, Video Surveillance, Real-time
- SERVICES Schematic Design, Custom PCB Layout, Software/Firmware Development. Bootloading Support, Custom Algorithms, MFG - Prototyping and Production, Mechanical Design, 3-D CAD Services, Personal Support.
- PLATFORMS DavinciTM, OMAPTM, C64xx, C66xx, C67xx, C54xx, C55xx, MSP4xx, ARM9, ARM11, Atmel, Stellaris.
- PRODUCTS Reference Hardware (DM355/365/368, DM6467T, DM8168/814X, C67XX), Performance Video Framework, Reference LCD Design, Wireless Reference Designs.





