# MANUFACTURING
# +
# CONSULTING

**COMMUNICATION**
SYSTEMS SOLUTIONS

| BOOTLOADER | KERNEL |
|---|---|
| UBL/U-boot NOR/NAND/SD/UART | |

| DSP | ARM | QT 5.7 GUI | PERIPHERAL SD-ETH-USB-SPI-I2C-PCIe | CUSTOM GPIO/UART MEM |
|---|---|---|---|---|

# DESIGN CAPABILITIES

- ☑ Products
- ☑ Services
- ☑ Support

# REDUCE — 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 in-house 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 Debugging.

> 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 - Davinci™, OMAP™, 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.

Certified Design Partner Program
**kontron**

TI Third Party Network Member
DSP TEXAS INSTRUMENTS