



## CyberCogs CC-IPC100 Instrument Panel Cluster Product Specifications

### HARDWARE SPECIFICATIONS

- **Dimensions:** 244.5w x 75.5d x 39.2h (mm)
- **Power:** 6-30VDC
- **Communication Ports:**
  - CAN FD bus port
  - 75 ohm NTSC video input for Rear camera
- **Input controls:**
  - reprogrammable push button
- **Displays/LED Indicators:**
  - 4.3 inch display with 800x480 resolution with white LED backlight
  - Up to 28 LED indicators with customizable templates
  - Configurable flash rate on all LEDs
- **Audio**
  - Configurable audio chime for all indicators
  - Up to 85dB output power
- **Processor:** ARM Cortex A5
- **Memory:**
  - 64MBytes flash
  - 512MBytes of LPDDR3
- **Temperature range:**
  - Operating temperature -20 to 70C
  - Storage Temperature -30 to 80C

### HARDWARE SPECIFICATIONS (continued)

- **Package:**
  - ABS black plastic – UL 94 V0 package
  - Anti-glare polycarbonate front face
  - IP67—Temporary water submersion and dust tight protection
- **Connectors:**
  - Molex P/N: 34825-0124 for power and signals

### ADDITIONAL FEATURES

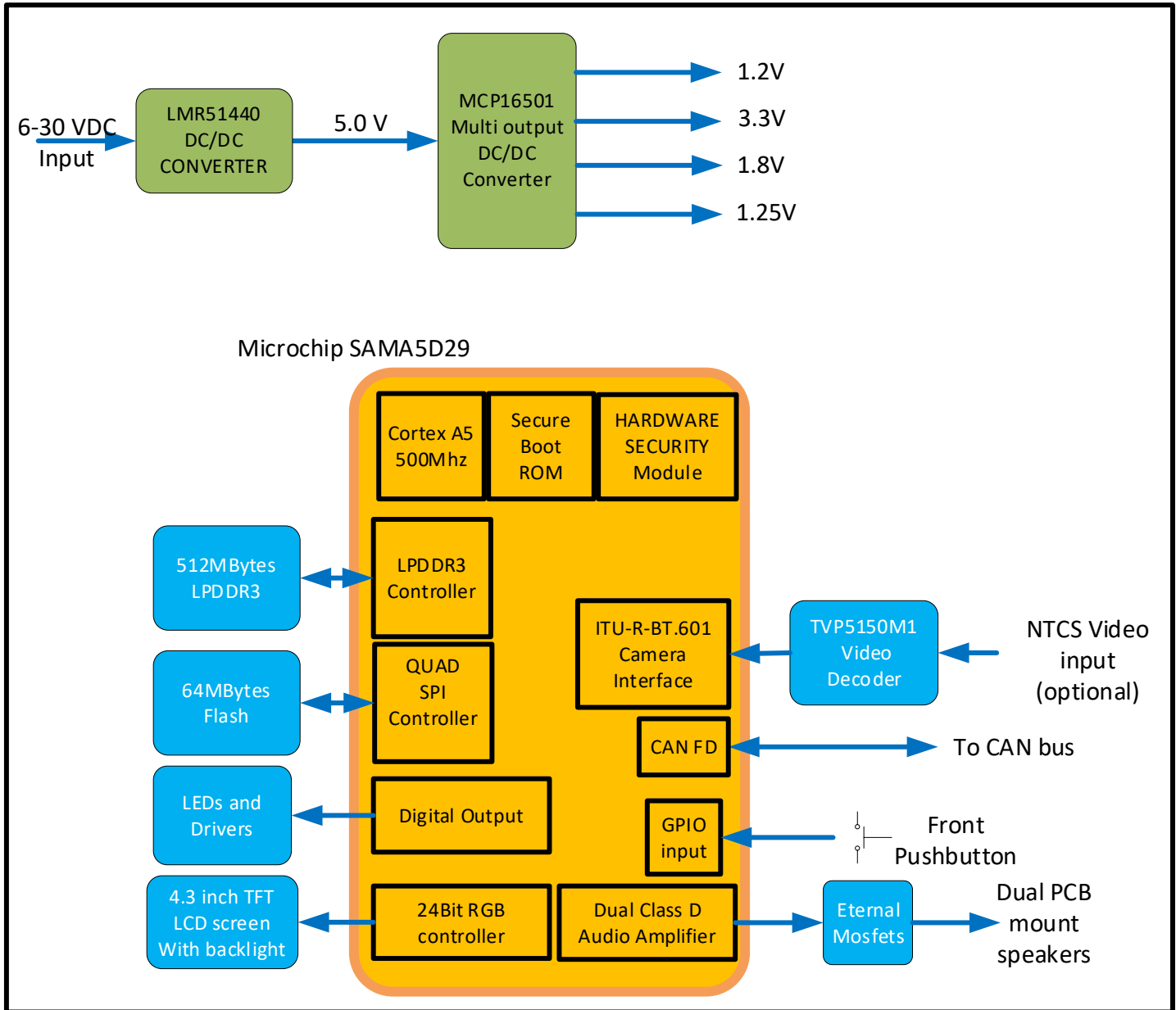
- ISO26262 , ASIL-A compliant
- USA designed and manufactured
- Integrated HSM
- Secure boot
- Secure internal key storage for signing, verification, and encryption in secure module subcomponent

### SOFTWARE FEATURES

- Adaptable software with modular design for easy integration
- Frozen Frame detection
- ISS uFlexUpdate pre-ported through partnership with ISS
- ISS DLM Update for Updates through partnership with ISS



## CyberCogs CC-IPC100 Instrument Panel Cluster Simplified Block diagram





## CyberCogs CC-IPC100 Instrument Panel Cluster Depiction front view





## CyberCogs CC-IPC100 Instrument Panel Cluster Depiction Isometric view





## CyberCogs CC-IPC100 Instrument Panel Cluster Dimensional Drawing

