

► nGene 3 – 8255 Intelligent Cockpit Domain Controller

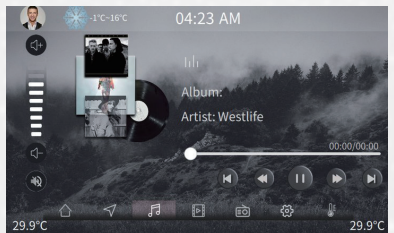
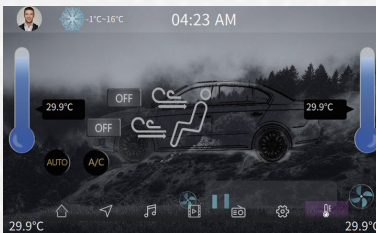
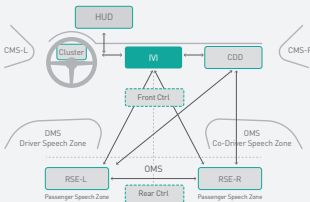
JOYNEXT create flexible cockpit + autonomous driving solutions for partners and customers based on Qualcomm' s SA8255P chip. Provide users with excellent driving experience

► Technical Details

- ◉ Next generation Qualcomm cockpit solution: 2X CPU and 3X NPU performance up compared with current generation chip
- ◉ Configurable display numbers to fit for customer needs
- ◉ Support Android Codec 2.0 and Linux GStreamer codec
- ◉ Multi-OS support base on the high performance and high efficiency Hypervisor technology
- ◉ State-of-the-art debugging toolchain for the critical memory and performance issues resolution
- ◉ Extendible and customizable application for vehicle control, smartphone connectivity, OTA, etc
- ◉ Support AR-HUD, CMS, DMS/OMS, AVAS and AVM
- ◉ Adopted with empathy engine, multi-modal interaction and machine learning technology
- ◉ Support multi-zone voice recognition and configurable multi- channel audio output

► Features

- ◉ Configurable multi-screen display and interaction: center stack display, cluster, HUD and co-driver display
- ◉ Unify cockpit and parking solution, support AVP feature
- ◉ Support both local and online media application
- ◉ State-of-the-art interaction technology: multimodal interaction, emotion detection and intelligent voice recognition
- ◉ Support Tencent TAI3.0, Banma ALiOS and other 3rd party eco-system
- ◉ Support smartphone connectivity: CarPlay, CarLife, HiCar, etc



► Application

- ◉ Utilizing the state-of-the-art technology to provide high performance solution to improve the user's driving experience
- ◉ Customizable and extendible solution to fit for different OEM needs, while keep full compliance to the FuSA and cyber security requirement of the product