# FETMX6ULL-C SoM

DESCRIPTION

FETMX6ULL-C system on module is designed based on NXP Cortex-A7 featuring CPU i.MX6ULL processor. It runs at 800MHz, and the SoM is compact but powerful. It can support 8x UART, 2x Ethernet, 2x CAN, 2x USB2.0, LCD and other peripheral sources.

SoM FETMX6ULL-C Features			
CPU	NXP i.MX6ULL	UART/IrDA	8
Architecture	Cortex-A7	SPI	4
Frequency	800MHz	I2C	4
RAM	256MB	CAN	2
Flash	256MB NandFlash	USB	2, USB2.0
OS	Linux4.1.15	SD/ MMC/ SDIO	2
Working Temp	-40~+85℃	Ethernet	2, 10M/ 100Mbps
Voltage input	3.3V	ADC	10
Dimensions	40x 29mm	eSAI	1
Package	2x 80-pin connector, pitch 0.5mm	KeyPad	8* 8
LCD	RGB888, up to WXGA 1366* 768	QSPI	1
Audio	3	SPDIF	1
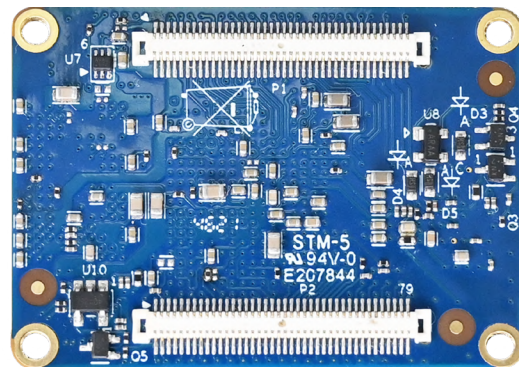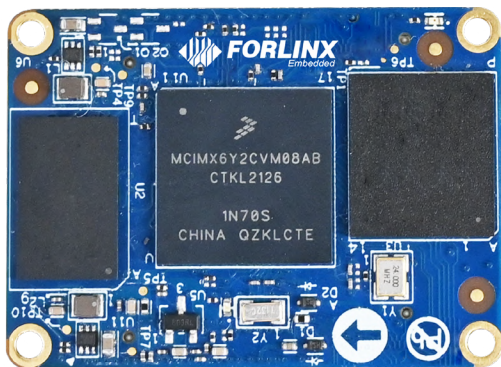
OKMX6ULL-C Single Board Computer

CAN	2x CAN2.0B	SDIO	1x USB Type-C
LED	3, power, user, 4G	SD	1x TF card slot
Audio	1x Phone, 1x MIC, 1x Speaker	Audio	4, 3.3V, pin hears with pitch of 2.5mm
RTC	supported	LED	2, 3.3V, pin hears with pitch of 2.5mm
Power input	DC5V	I2C	2, 3.3V, pin hears with pitch of 2.5mm

◆ TARGET APPLICATION

IoT, power industry, medical, environment monitoring, smart city, smart agriculture, industrial control, HMI, financial, EV charger, etc.