



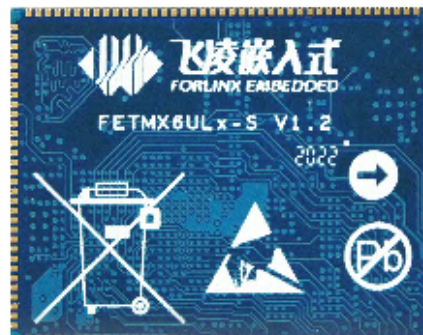
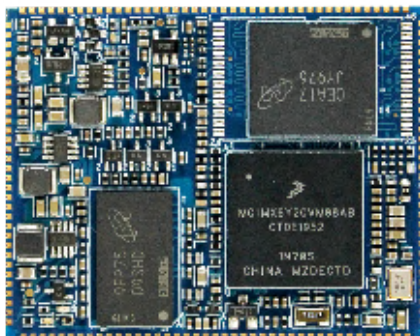
# FETMX6ULL-S SoM

## DESCRIPTION



FETMX6ULx-S system on module is designed based on NXP Cortex-A7 featuring CPU i.MX6ULL processor. It runs at 800MHz, and SoM can be soldered on carrier board. It can support 8x UART, 2x Ethernet, 2x CAN and other peripheral sources.

SoM FETMX6ULL-S Features					
CPU	NXP i.MX6ULL			UART	≤ 8, each up to 5.0Mbps
Architecture	Cortex-A7			eCSPI	≤ 4, host/ slave mode optional
Frequency	800MHz			I2C	≤ 4
RAM	256MB	512MB	512MB	Camera	1x 8-bit DVP
ROM	256MB NandFlash	4GB eMMC	8GB eMMC	SD/MMC/SDIO	≤ 2, 1-bit or 4-bit modem
OS	Linux4.1.15	Linux4.1.15+QT5.6		USB	2, USB2.0
Working Temp	-40~+85°C	-25~+85°C		Ethernet	≤ 2, 10M/ 100Mbps
Voltage input	5V			PWM	≤ 8, 16-bit
Dimensions	44x 35mm			Package	edge soldering
LCD	RGB888, up to 1366* 768@ 60Hz			ADC	≤ 10, 12-bit
SAI	≤ 3, IIS			SPDIF	1



## OKMX6ULx-S Single Board Computer

UART	4, 3x TTL, 1x debug	SDIO	1
CAN	2x VSN2.0B	SD	1
Ethernet	2, 10/100Mbps	Audio	2 x Speaker, 1x MIC, 1x Phone
LCD	1, RGB888	LED	2
USB Host	3, expanded by USB HUB	I2C	2
USB OTG	1	CSI	1x 8-bit DVP
WiFi&BT	WiFi: IEEE802.11b/g/n; BT: BT V2.1/BT V3.0/BT V4.0	RTC	RX8010SJ

## TARGET APPLICATION

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

