

WEC-SMX6UL

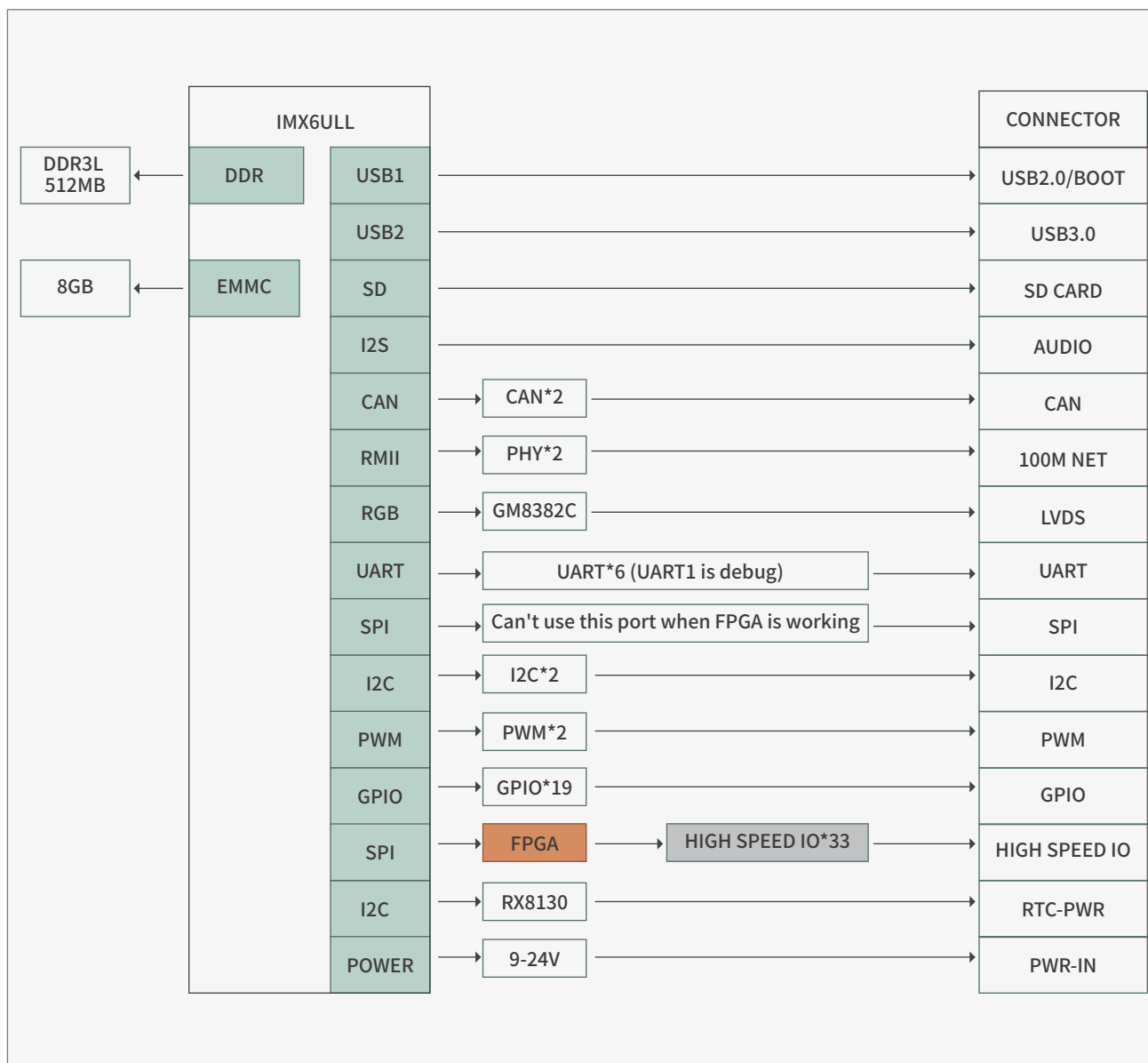
FEATURE:

- ① Belong to the "Sprite" series core-board, featuring excellent compatibility and being compatible with other core boards of the Sprite series
- ① NXP i. MX 6ULL, ARM Cortex-A7
- ① DDR3L memory, 512 MB. eMMC、SD storage
- ① 2×FE, 10/100Mbps
- ① 2×USB 2.0, 6×UART, 2×CAN, 19× GPIO
- ① 33 high-speed I/Os, provided by the integrated FPGA

SPECIFICATION

Product Model	Product Model	WEC-SMX6UL
CPU	CPU Model	NXP i.MX 6ULL, MCIMX6Y2CVM08AB
	Core	ARM Cortex-A7
	Frequency	800MHz
	LLC	L2 Cache 128 KB
	CPU TDP	4W
Memory	Type	DDR3L, Onboard Memory
	Max Capacity	512 MB
Storage	eMMC	4/8 GB
	SD Card	1× SD card slot
Display	LVDS	1× single-channel 4-wire 18/24-bit LVDS, Resolution: 1366×768
Ethernet	LAN	2, 10/100/1000 Mbps, RTL8201F
I/O Interface	USB	2×USB 2.0
	UART	6
	CAN	2
	GPIO	19
	High-speed IO	33, provided by the integrated FPGA
	SPI	1
	PWM	2
	I2C	1
	I2S	1
	SD	1
Operating System	OS	Linux
Power Supply	Type	DC
	Input Voltage	9-24 V
Environment	Operating Temp.	Common grade: -10~60°C, Industrial grade: -40~85°C
	Storage Temp.	-40~85°C
	Operating Humi.	10- 90% @ 40°C, non-condensing
	Storage Humi.	0- 95% @ 60°C, non-condensing
Dimension	Outside Dime.	82mm×58mm

BLOCK DIAGRAM



ORDER INFORMATION

产品型号	CPU	内存	存储	显示	以太网	UART	CAN	高速IO	GPIO	工作温度
WEC-SMX6ULL	i.MX 6ULL	512MB	4/8G	LVDS	2	6	2	33	19	-20 ~ 60 °C
WEC-SMX6ULL	i.MX 6ULL	512MB	4/8G	LVDS	2	6	2	33	19	-40 ~ 85 °C

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