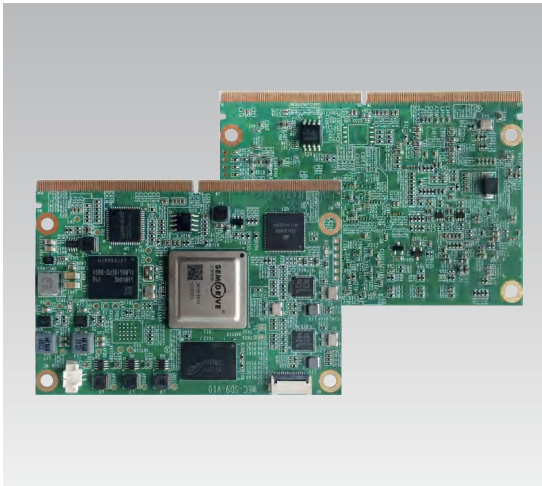




WEC-SD9

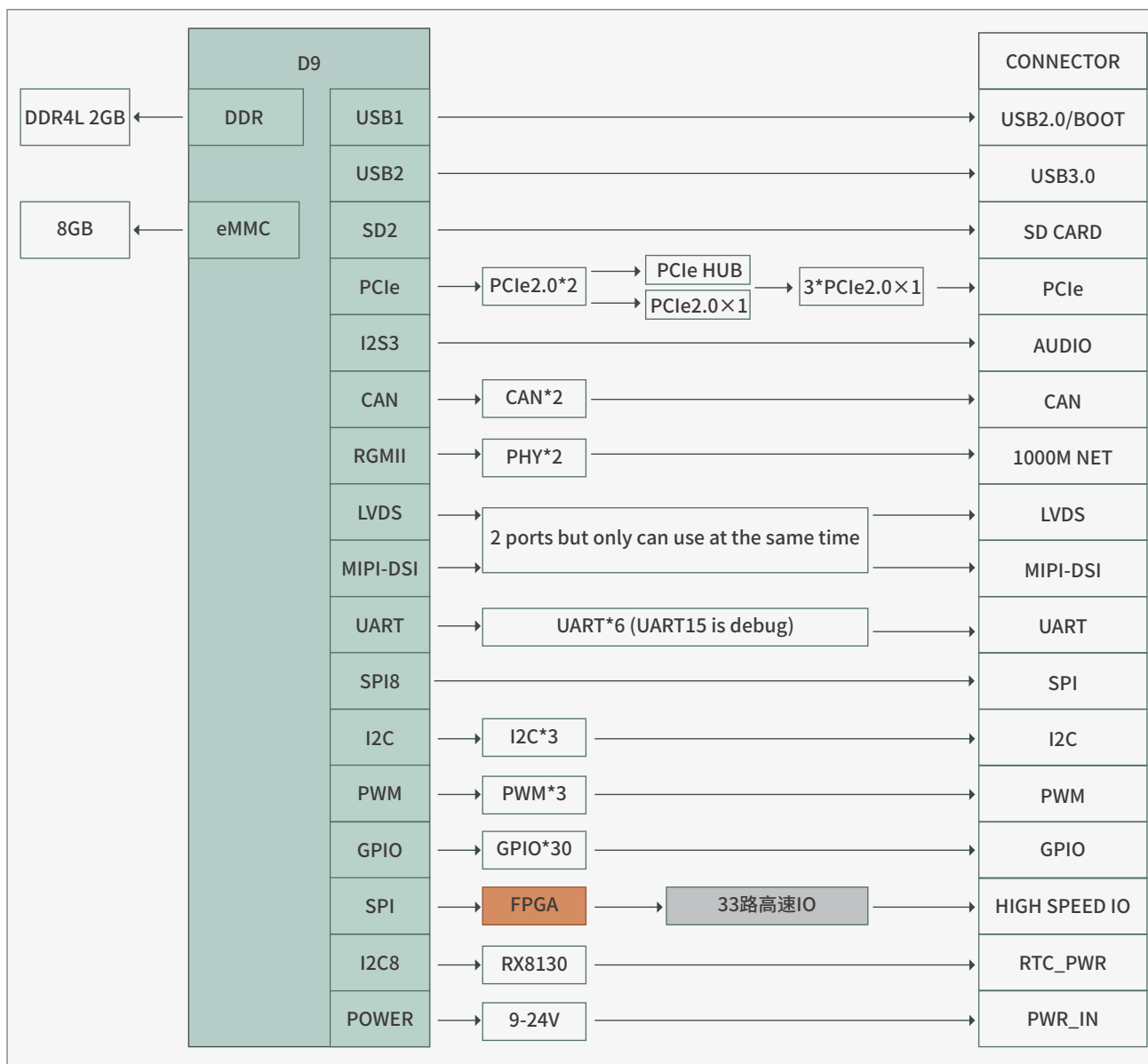
FEATURE:

- ① Belong to the "Sprite" series core-board, featuring excellent compatibility and being compatible with other core boards of the Sprite series
- ① SemiDrive D9340、D9350、D9360 processor
- ① LPDDR4X memory, Up to 8 GB
- ① Display: LVDS/MIPI-DSI
- ① 2×GbE, 10/100/1000Mbps
- ① 6×COM, 2×CAN, 2×USB, 3×PCIe 2.0
- ① Support 33 high-speed I/Os, provided by the integrated FPGA

SPECIFICATION

Product Model	Product Model	WEC-SD9340	WEC-SD9350	WEC-SD9360
CPU	CPU Model	Semidrive D9340	Semidrive D9350	Semidrive D9360
	Core	4×Cortex-A55 & 2×Cortex-R5	5×Cortex-A55 & 3×Cortex-R5	6×Cortex-A55 & 1×Cortex-R5
	Frequency	Cortex-A55 @ 2.0 GHz, Cortex-R5 @ 800MHz		
Memory	Type	LPDDR4X, 2400MT/s, Onboard Memory		
	Max Capacity	8 GB		
Storage	Type	eMMC 5.1		
	Capacity	8/16/32/64 GB		
Display	LVDS	Supports dual-channel 18/24-bit LVDS or MIPI-DSI. Resolution up to 2K		
	MIPI-CSI	Support 4-channel MIPI-CSI		
Ethernet	LAN	2, 10/100/1000 Mbps, YT8511		
I/O Interface	USB	1×USB 3.0, 1×USB 2.0 (boot)		
	PCIe	3× single-lane PCIe 2.0		
	UART	6		
	GPIO	30		
	High-speed IO	33, Provided by the integrated FPGA		
	I2C	3		
	I2S	1, audio interface		
	CAN	2		
	SPI	1		
	PWM	3		
	SATA	1×SATA 3.0		
	SDIO	1		
	RTC	Support		
Operating System	OS	Linux、Android		
Power Supply	Type	DC		
	Input Voltage	9~24V		
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	eMMC	以太网	USB	UART	GPIO	高速IO	工作温度
WEC-SD9340	D9340	2/4/8GB	8/16/32/64GB	2	2	6	30	33	-10~70℃
WEC-SD9350	D9350	2/4/8GB	8/16/32/64GB	2	2	6	30	33	-10~70℃
WEC-SD9360	D9360	2/4/8GB	8/16/32/64GB	2	2	6	30	33	-10~70℃

本产品型录旨在展示研智科技产品的主要而非全部信息, 研智科技保留对产品信息的最终解释权, 并有权在必要时更新产品而不事先通知。
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