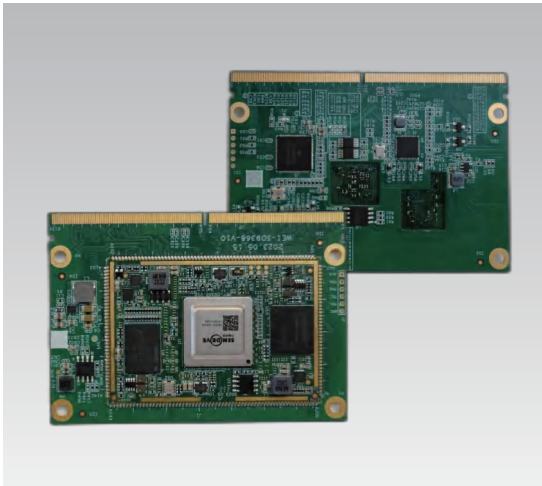




WEC-SD9368

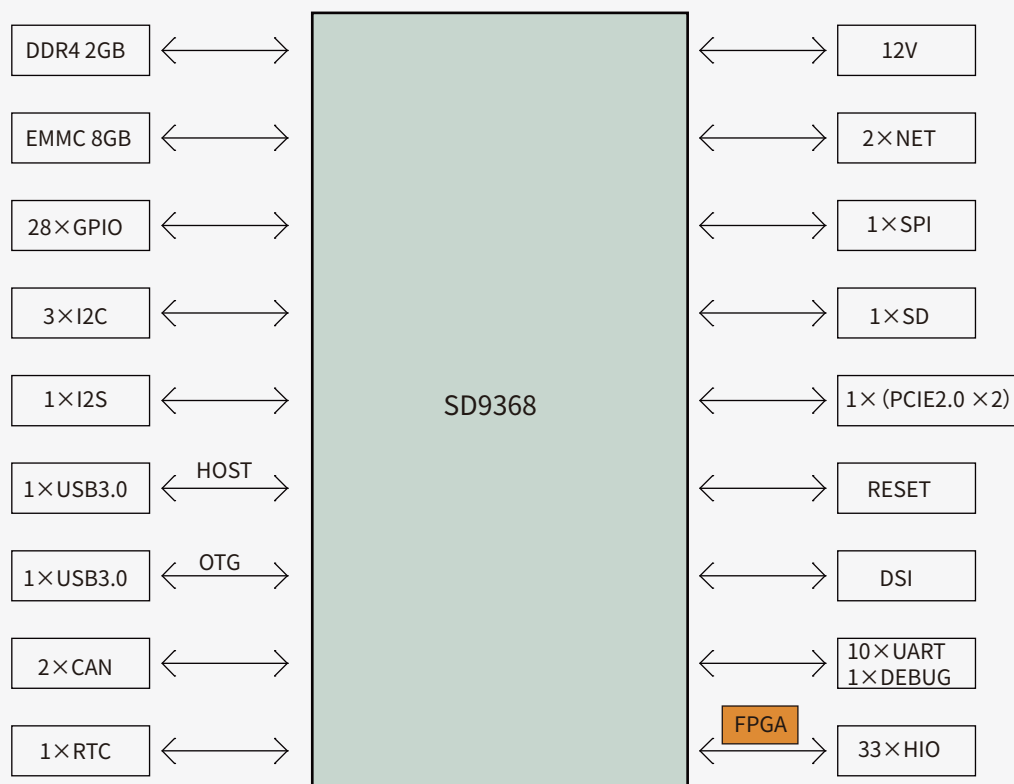
FEATURE:

- ① Belong to the "Sprite" series core-board, featuring excellent compatibility and being compatible with other core boards of the Sprite series
- ① SemiDrive D9368 , 6×ARM Cortex-A55+Cortex-R5
- ① DDR4 memory, Up to 8 GB. eMMC 5.1, 8/16/32/64GB
- ① 2×GbE, 10/100/1000Mbps
- ① 13×UART, 4×CAN, 2×USB3.0, 1×2-lane PCIe 2.0
- ① 33 high-speed I/Os, provided by the integrated FPGA

SPECIFICATION

Product Model	Product Model	WEC-SD9368
CPU	CPU Model	SemiDrive D9368
	Core	6× Cortex-A55 & 1× Cortex-R5
	Frequency	Cortex-A55 @ 2.0 GHz, Cortex-R5 @ 800MHz
Memory	Type	DDR4, Onboard Memory
	Max Capacity	8 GB
	ECC	Supports
Storage	Type	eMMC 5.1
	Capacity	8/16/32/64 GB
Display	MIPI DSI	1路
Ethernet	LAN	2, 10/100/1000 Mbps, YT8521
I/O Interface	USB	2×USB 3.0
	UART	13
	PCIe	1× 2-lane PCIe 2.0
	GPIO	23
	High-speed IO	33, Provided by the integrated FPGA
	I2C	3
	I2S	1
	SPI	1
	CAN	4
	SDIO	1
	Watchdog	Supports
Operating System	OS	Linux、Android
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	以太网	UART	高速IO	GPIO	CAN	mPCIe	USB	工作温度
WEC-SD9368	D9368	1/2/4/8GB	8/16/32/64GB	2	13	33	23	4	1	2	-20~70°C
WEC-SD9368I	D9368	1/2/4/8GB	8/16/32/64GB	2	13	33	23	4	1	2	-40~85°C

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。
 The Company reserves the right of final interpretation of the product information and can upgrade the product as necessary without prior notice.

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