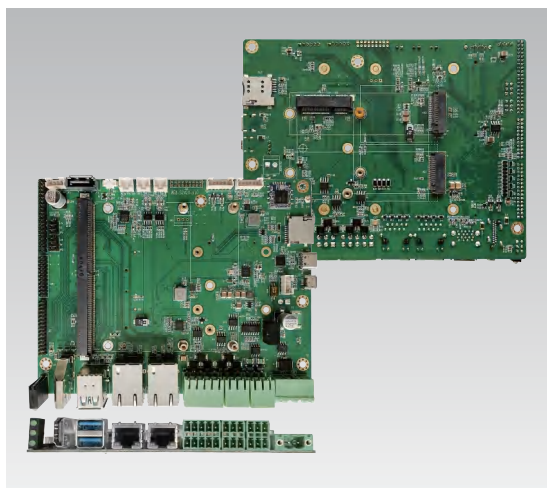




WEB-S242X

FEATURE:

- Baseboard Compatible with Sprite Series Core Boards
- Compatible with all the core boards of the Sprite series (WEC-Sxxxx)
- Support SSD with mPCIe, M.2 interface
- 2×GbE
- 2×RS232, 2×RS485, 2×CAN, 2×DI, 2×DO
- 2×USB 3.0, 1×HDMI
- Built-in multi-channel expansion interface

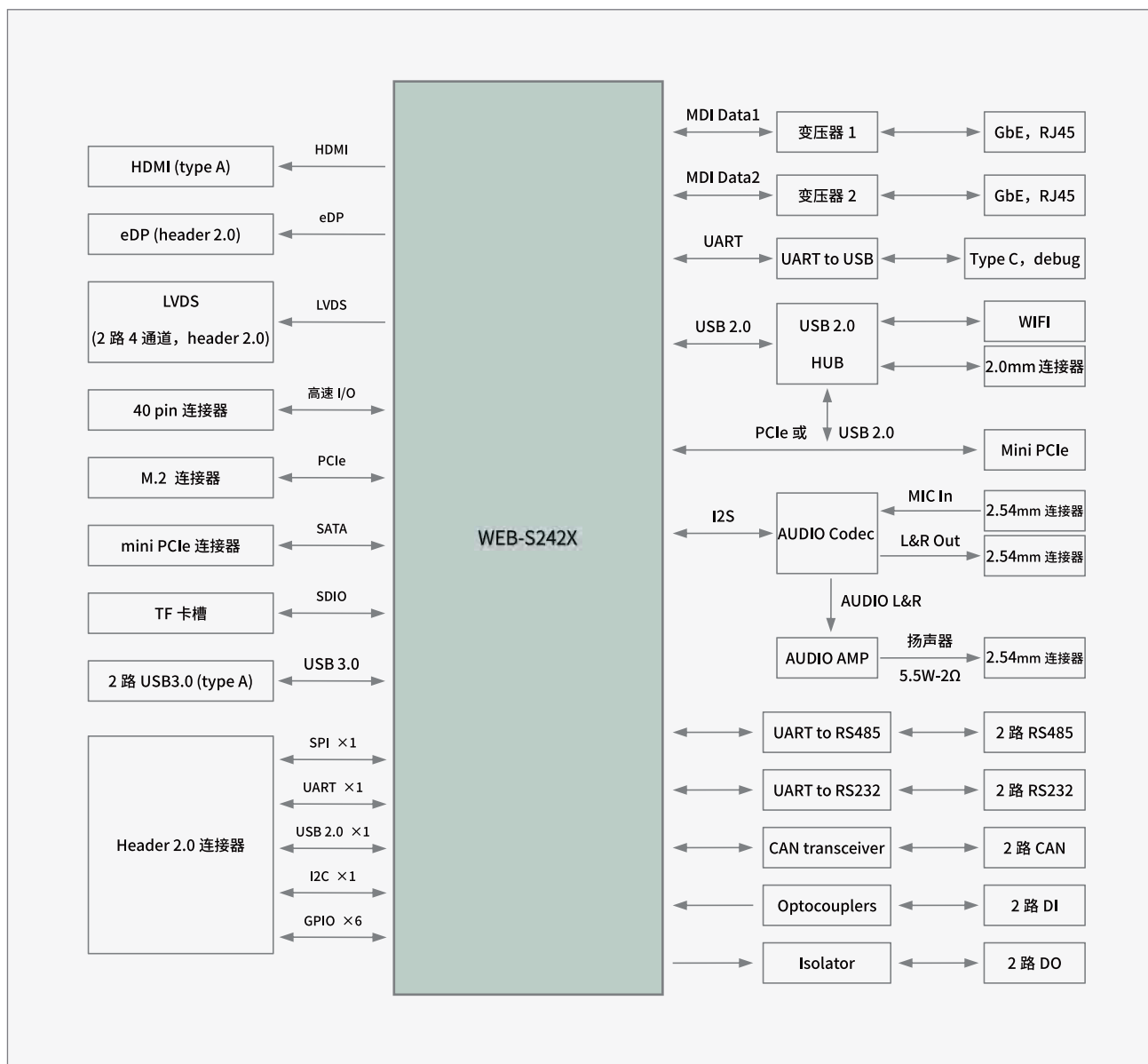
FUNCTION

WEB-S242X is the supporting baseboard for the "Sprite" series core board. It has extremely strong compatibility and can be compatible with all the core boards of the Spirits series developed by Rizhi Technology (WEC-Sxxxx, such as WEC-SBTR, WEC-STGL, WEC-SE-HL, WEC-SADL, WEC-S3568, WEC-S3588, WEC-S9340, WEC-S9350, WEC-S9360, WEC-SD9368, WEC-SE2000Q, WEC-SMX8MP, etc.

SPECIFICATION

Product Model	Product Model	WEB-S242X
Memory	SSD	1×mini PCIe, supports SATA 3.0 SSD 1×M.2 M-Key & B-key PCIe 3.0, supports 2242/2280 NVMe SSD
	SD Card	1×TF card slot
Display	HDMI	1× HDMI 2.0 Type-A
	eDP	1× single-channel 4-wire eDP
	LVDS	2× 4-channel 24-bit LVDS
	MIPI-DSI	Single-channel output and multiplexed with LVDS plugins
Net	LAN	2, 10/100/1000Mbps, RJ45接口
	4G/5G	Supports mini PCIe/USB 4G module, 1×Micro SIM card slot
	WIFI	WIFI 2.4G
	Bluetooth	Bluetooth 4.2
I/O Interface	USB	2×USB 3.0, Type A; 1×USB type-C for debug; built-in 2×USB 2.0
	COM	2×RS232 (isolated), 2×RS485 (isolated)
	CAN	2
	DI	2
	DO	2
	High-speed IO	1× 40-pin connector, supporting 33 high-speed IO channels
	GPIO	6
	SPI	1
	UART	1
	I2C	1
	PWM	2
	PCIe	4× single-lane PCIe 2.0, or 1× PCIe3.0 & 2× PCIe 2.0, including 1×mini PCIe (USB+PCIe ×1), 1×M.2 M-Key & B-key PCIe 3.0, 1×PCIe 2.0
	SATA	1×mPCIe, supports SATA 3.0 SSD
	Audio	2×LR Line-Out; 1×MIC, 2 in 1 3.5mm Jack
	Speaker	1×Loudspeaker, supports 5W/2Ω (THD≤10%)
Power Supply	Type	DC
	Input Voltage	9~28 V, DC-Jack (5.08-2P)
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.	152.5mm×118mm

BLOCK DIAGRAM



ORDER INFORMATION

产品型号	产品功能	以太网	COM	USB	DI	DO	CAN	HDMI	温度
WEB-S242x	精灵系列核心板的配套底板	2	4	2	2	2	2	1	0-60℃

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