

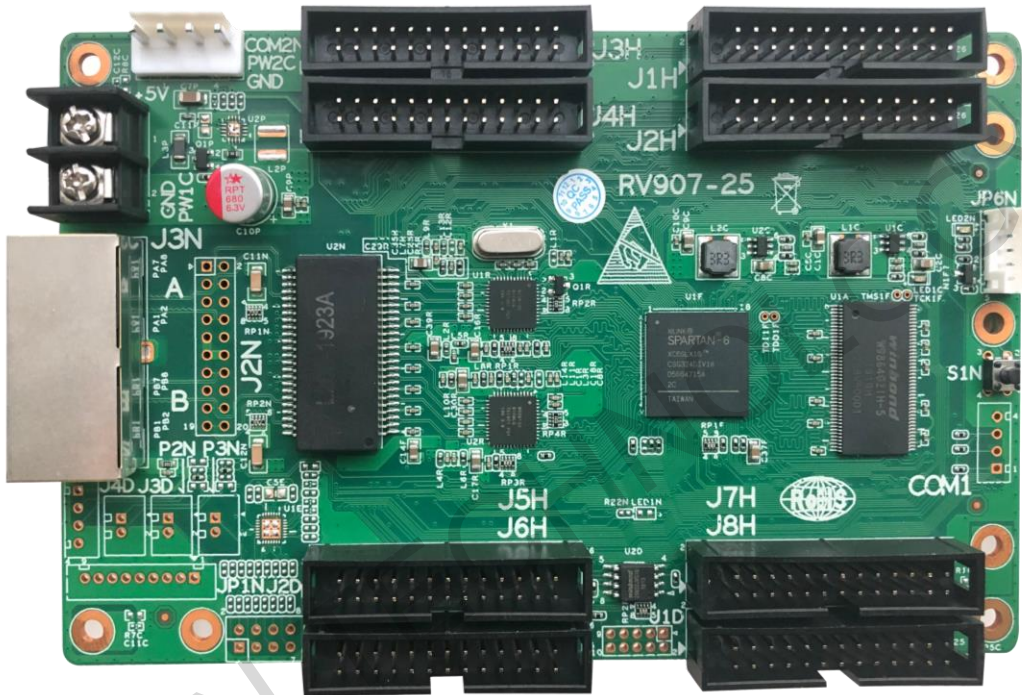
Receiver

RV907-25

V1.0

Aug 2019

1. Function



- 1) Single card can output 32 groups RGB data;
- 2) Single card can output 64 groups serial data;
- 3) Single card maximum supports 512*384 pixels (Please note that there are recommended values depending on the design of LED screen) ;
- 4) Each interface has VCC pin to get power supply for control system from led module, no need to get extra power supply

Official website: www.linsn.com

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for control system;

- 5) Support temperature detection(optional);
- 6) Supports LCD monitor module;
- 7) Two lines voltage monitoring(optional);
- 8) Support pixel-by-pixel brightness calibration; single-card color space conversion;
- 9) Support network cable BER test;
- 10) Support hot backup with dual receiver cards for demanding performances screen(optional);
- 11) High refresh rate and high grey level with most of the driver ICs;
- 12) In line with EU standards RoHS;
- 13) In line with EU standards CE-EMC class B.

2.RV907-25 OUTPUT

- 1) 32 group data mode (Select 32 data for RV907 in card mode option of LEDSet)

Only for full color screen; each interface has 4 groups of data.

The 26PIN defined as follow

A	1	2	B
OE	3	4	LAT

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CLK	5	6	VCC
C	7	8	D
R1	9	10	G1
	11	12	B1
GND	13	14	R2
G2	15	16	
B2	17	18	R3
G3	19	20	GND
	21	22	B3
R4	23	24	G4
E	25	26	B4

2) 64 groups serial data mode

For full color LED screen, it is with J1H-J6H six outputs; the 26pin is defined as follows,

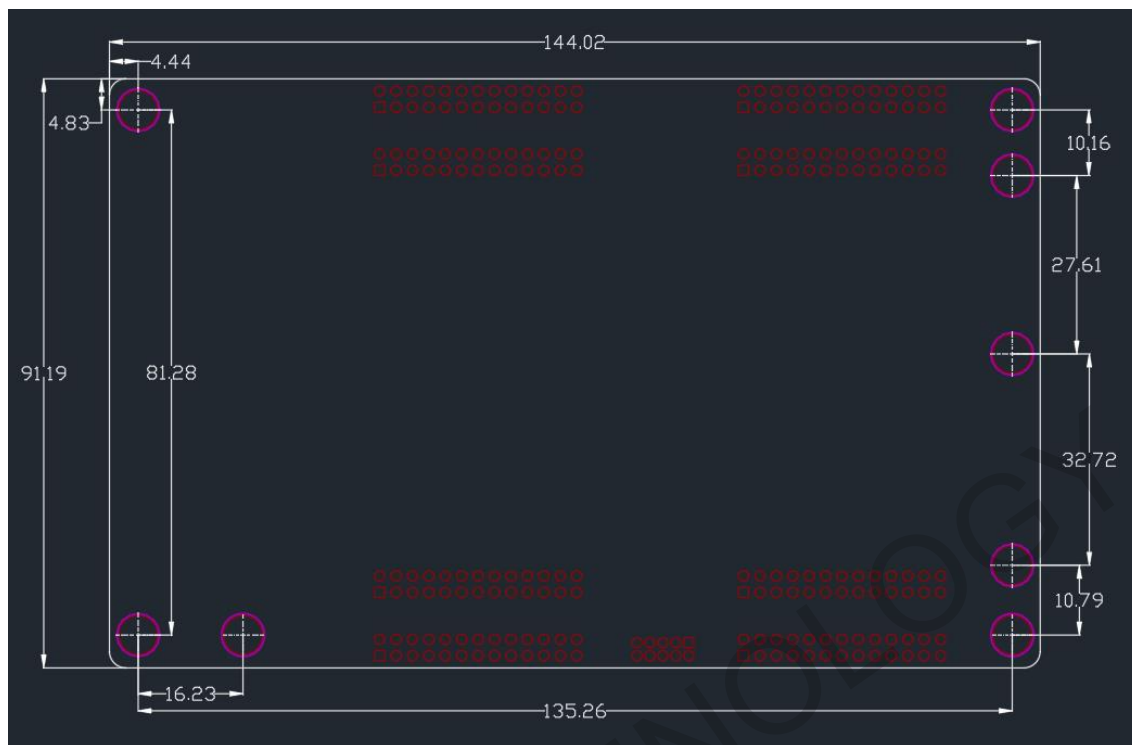
A	1	2	B
OE	3	4	LAT
CLK	5	6	VCC
C	7	8	D
D1	9	10	D2
	11	12	D3
GND	13	14	D4
D5	15	16	
D6	17	18	D7
D8	19	20	GND
	21	22	D9
D10	23	24	D11
E	25	26	D12

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3. Dimensions



4. Working Conditions

Rated voltage (V)	5	Max. value	5.5	Mini. value	4.5
Rated current (A)	0.80	Max. value	0.87	Mini. value	0.73
Rated power consumption (W)	4.0	Max. value	4.8	Mini. value	3.3
Working temperature (°C)	-20°C ~ 75°C				
Working humidity (%)	0% ~ 95%				

END

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