Sub-1GHz Transceiver Module
ES-RFM-XMSS16W01

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V1.0	2026-9-28	

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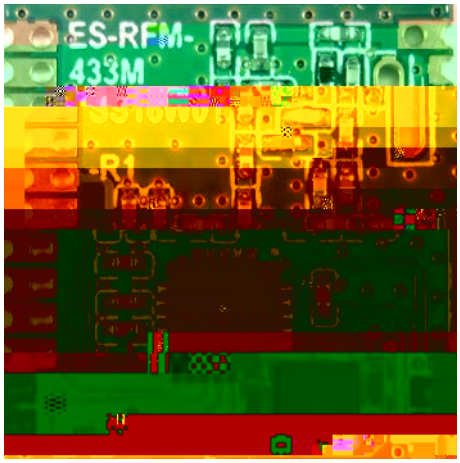
1

ES-RFM-XMSS16W01 Sub-1GHz X X

433 433MHz

ESW1032 /

433M 1-1



1-1 433M

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	MHz

ES-R14.7610.56 1 5(-)Tj3154.783.32 0.481 16.08 re f 420.6 71525 f* 315.84 731.514

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2

1		16.5mm×17mm
2		16PIN /12PIN
3		/
4		433/868/915MHz
5		2(G)FSK/4(G)FSK
6		1kbps~500kbps
7		18dBm (433M) 17dBm (868/915M)
8		-114dBm @10kbps (433M) -111dBm @10kbps (868/915M)
9		70mA @18dBm (433M) 70mA @17dBm (868/915M)
10		16mA
11		100nA
12		1.8V ~ 3.6V
13		4 SPI
14		3to6
15		CRC FEC Whitening
16		
17		-40 ~85

2-1

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4

/ ES7P169C
/

GPIO
LDO

PCB

4.1

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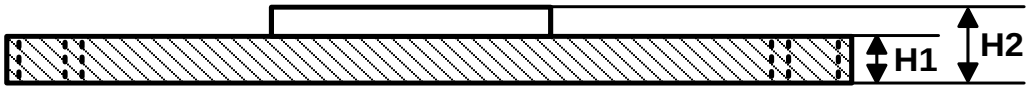
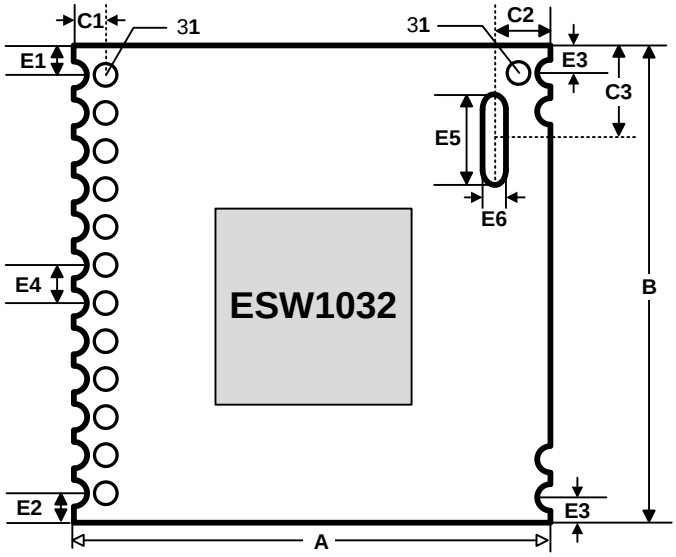
5

5.1

5-1 5-2 PCB H1 H2

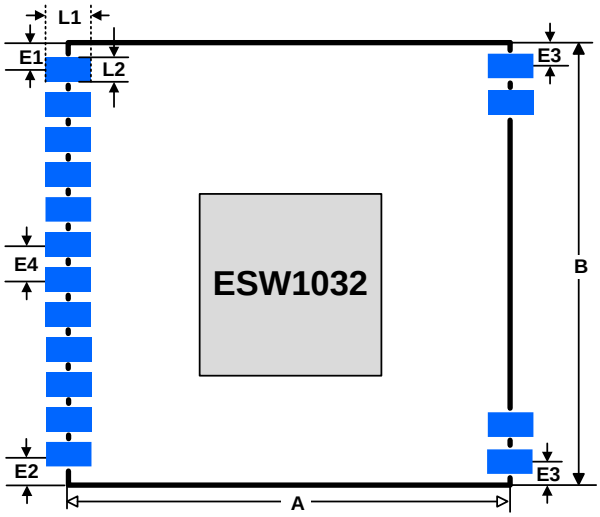


5-1



5-2

PCB



5-3 PCB

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PCB PCB H1 H3 1.27mm
PCB

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