

JZFR24

: V1. 3  
: 2020-06



# 1.

JZFR24

300MHz 450MHz

ASK/OOK

ASK/OOK

2.0V 5.5V

RF IF

# 2.

- 300 - 450 MHz
- OOK
- 10kbps
- 
- -114dBm @ 315MHz
- -112dBm @ 433.92MHz
- 2.0V-5.5V
- 
- 4.58mA @ 315MHz /3.3V
- 5.38mA @ 433.92MHz /3.3V
- <0.1uA @ Shut Down Mode /3.3V
- 
- 
- 
- ± 350KHz
- ESD
- -40 ~85
- SSOP16

# 3.

- 
- RKE
- 
- 
- RFI D



## 4.

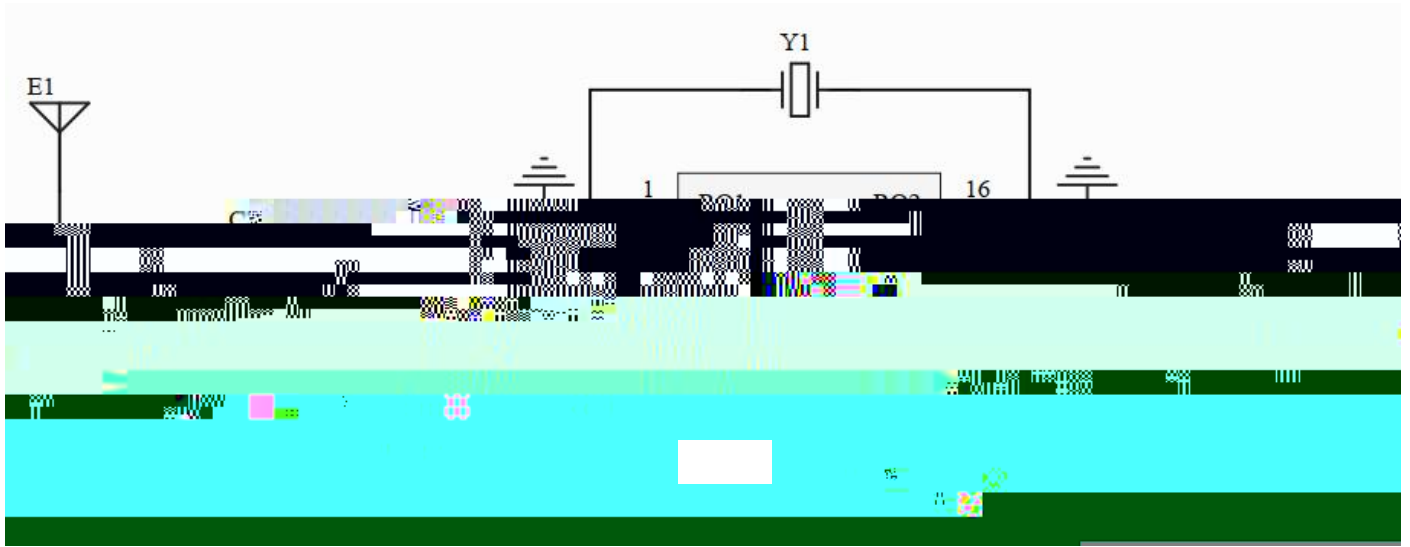
JZFR24      SSOP16

### 1 JZFR24

1	RO1	1	
2	GNDRF		
3	ANT		
4	GNDRF		
5	VDD		
6	SQ		
7	SELO		SEL1



5.



2 JZFR24 Bom

	315MHz	433MHz		
	C3	0.1		
C2	3	2.2	pF	± 0.25 pF, 50 V
C1	6.8	5.6	pF	± 0.25 pF, 50 V
L1	39	27	nH	± 5%
L2	56	39	nH	± 5%
Y1	9.81713	13.52313	MHz	± 20 ppm

6.

6.1

	VDD	2.0	3.3	5.5	V
	TA	-40	—	125	
		1	—	—	nV/μs



## 6.2

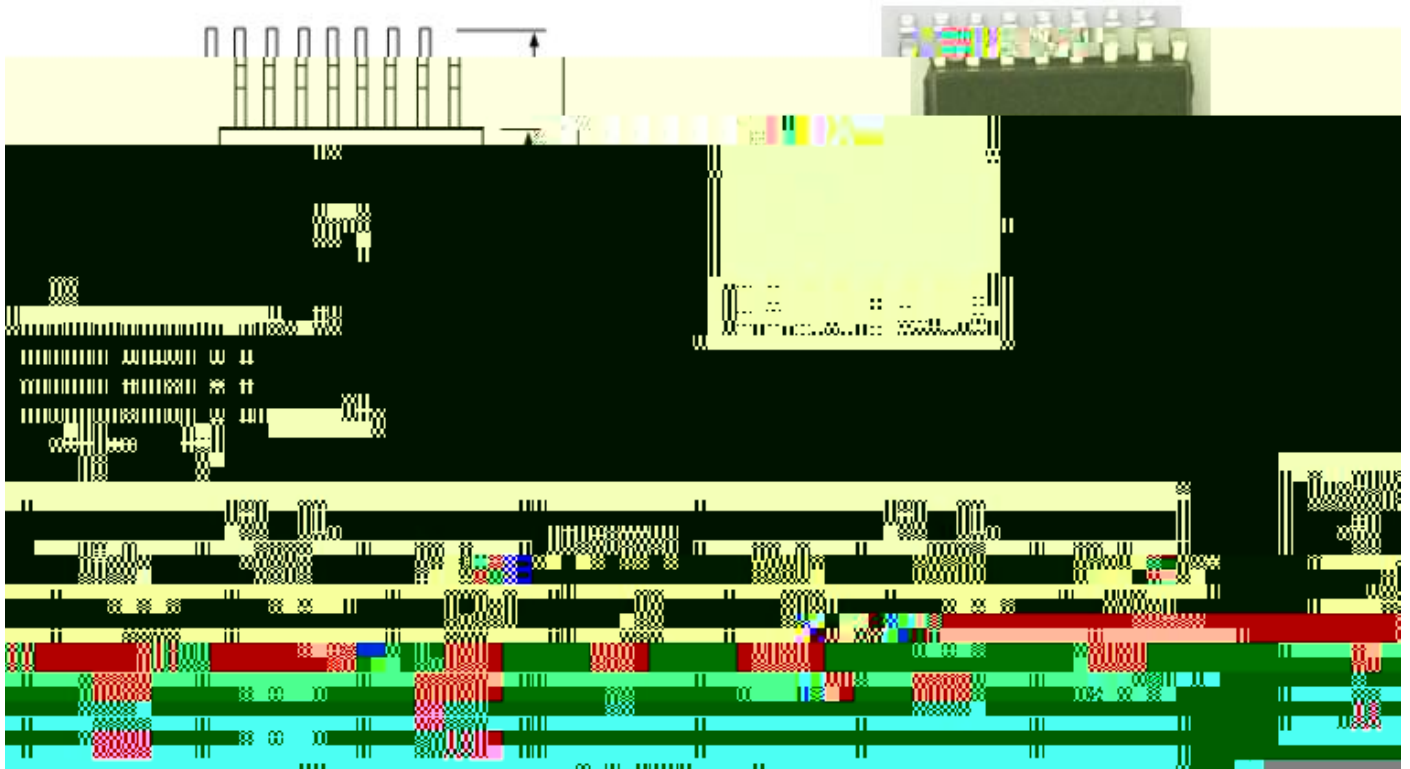
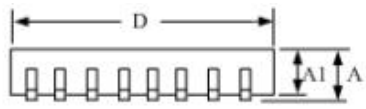
	VDD		-0.3	5.5	V
	V <sub>IN</sub>		-0.3	V <sub>DD</sub> +0.3	V
	T <sub>J</sub>		-40	150	
	T <sub>STG</sub>		-65	150	
	T <sub>SDR</sub>	30s	—	245	
ESD	V <sub>HBM</sub>	HBM	-8	8	KV

[1]

## 6.3



7.



8.