

# **LG-IRM2A938KSF3**

## **Infrared Receiver Module**

### **DATA SHEET**

SPEC.NO. : SZ21052402  
DATE : 2021/05/24  
REV. : A/0

Approved By:

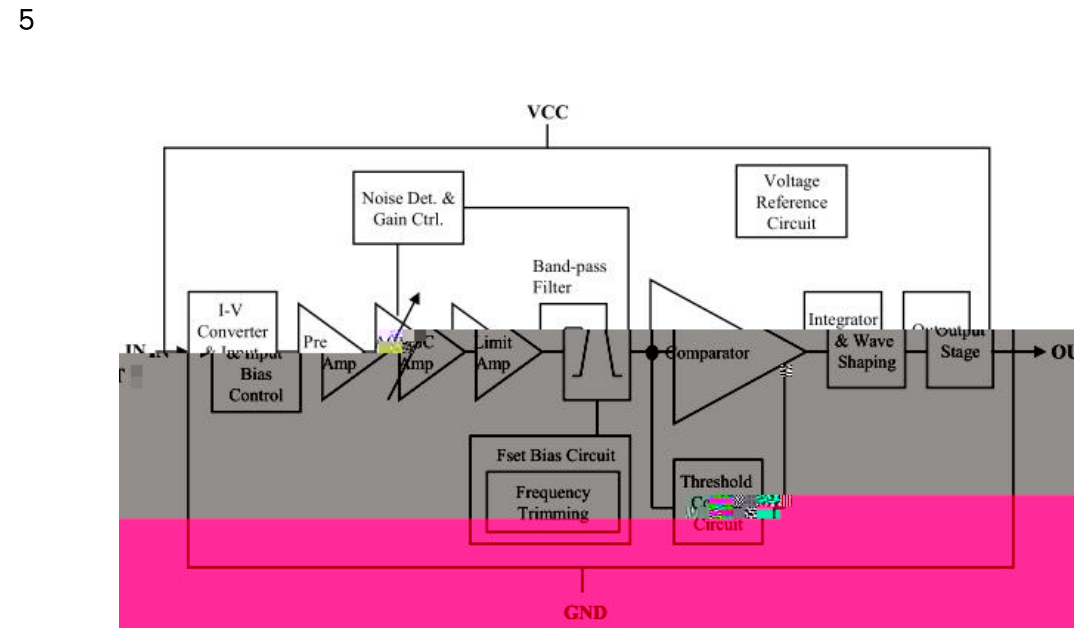
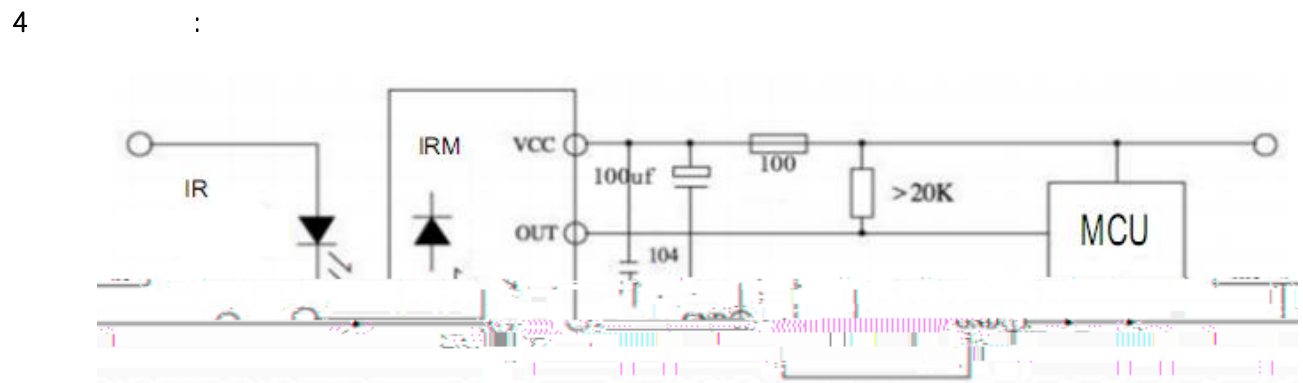
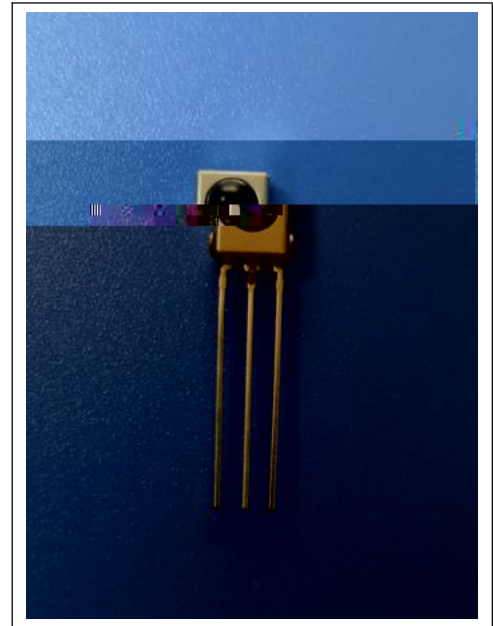
Checked By:

Prepared By:

1  
 IRM2A 38 SF3                      PIN  
 IC,  
 REACH    ROHS

2  
 2.7-5.5V

3  
 :  
 (    MP3    MP4,    )

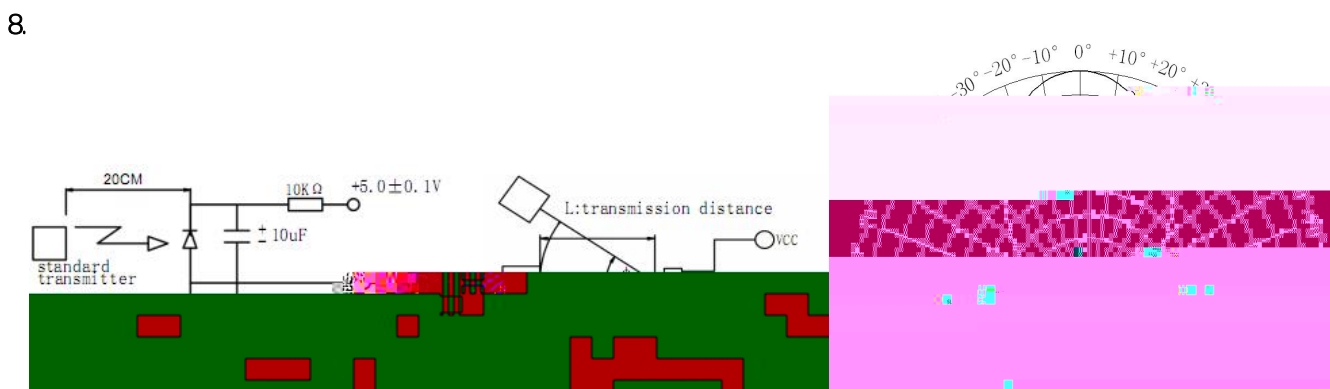


6 (T=25 Vcc=5v f<sub>o</sub>=38KHZ)

			Min	Type	Max	
	I <sub>CC</sub>	VDD=3v	0.4	0.7	1.2	mA
BPF	L	0°	14	16		M
	L	45°	7	8		M
	L	45°	7	8		M
	f <sub>o</sub>			37.9		kHz
	f <sub>BW</sub>	-3dB Bandwidth ,Vin=30μV p-p	4	6	8	kHz
	V <sub>OL</sub>	I sink=2.0mA		0.2	0.4	V
	V <sub>OH</sub>		2.7	3.0	-	V
	T <sub>PW</sub>	burst wave Vin=50mV p-p	400	600	800	μS
	Tburst	Vin=50mV p-p	300			us
	Tburst gap	Vin=50mV p-p	350			us
	Tpause	Vin=50mV p-p	1			ms

L -p5l RāC āC- 7p7, 1M āp  
2pp 5pL

7 :  
Toshi ba/NEC/Sharp/Matsushi ta/RC5\_Phi I i ps/Sony 12bi t/Zeni th/RC6/Conti nuous Code/ Jvc/RCA.



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		Min	Typ	Max	
	V <sub>DD</sub>	2.7	-----	5.5	V
	FM		37.9		kHz
	Topr		25		

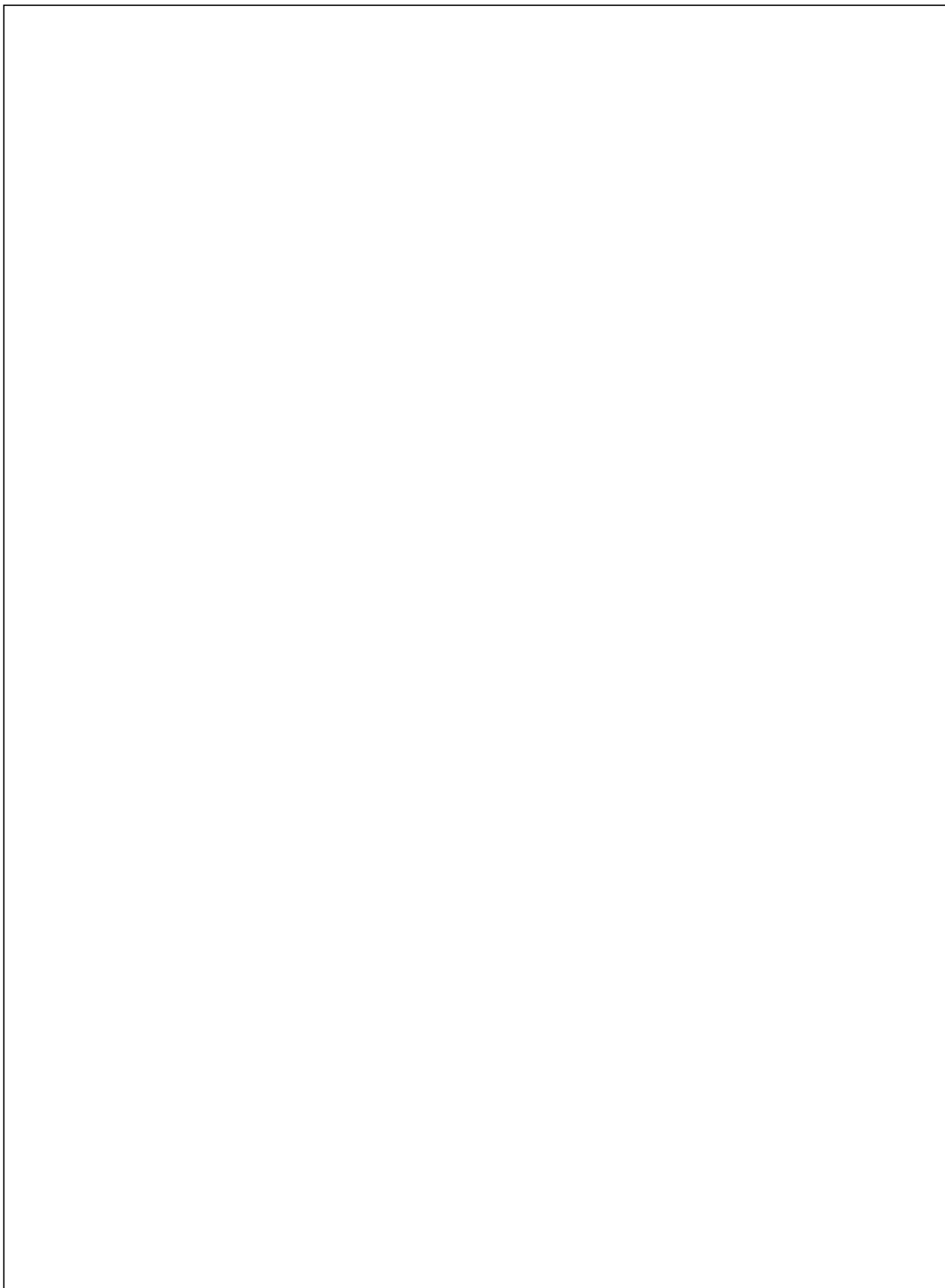
10. :

	V <sub>DD</sub>	6.0		V
	Tstg	-40 --- +125		
*	Tsol	260± 5 5S		

\* 2.0mm

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150mm× 190mm

ú      5pPCS

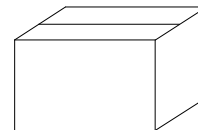
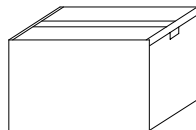
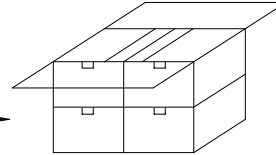
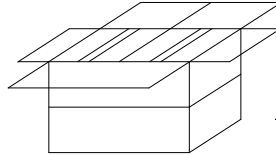
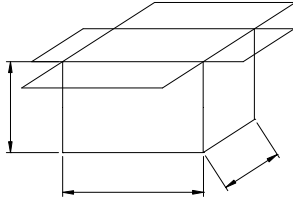
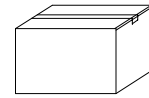
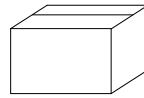
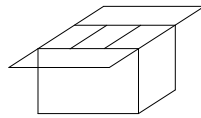
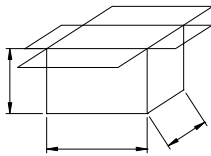
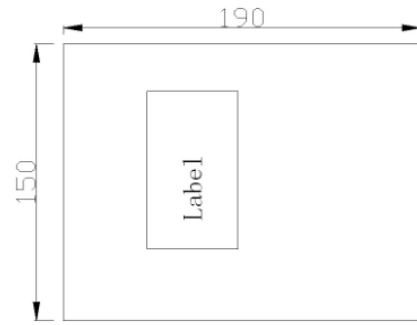
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1p

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( pcs / )	( / )	( / )
<b>500</b>	<b>10</b>	<b>4</b>