

# LG-IRM2A838KSF3

## Infrared Receiver Module

### DATA SHEET

SPEC.NO. : SZ21052401  
DATE : 2021/05/24  
REV. : A/0

Approved By:

Checked By:

Prepared By:

# LIGHT



1

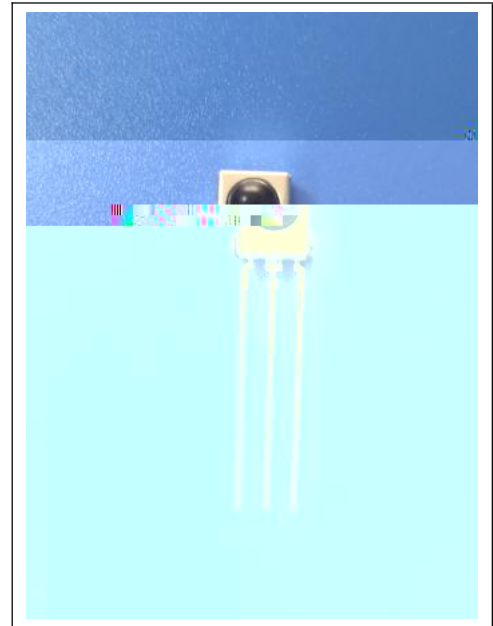
IRM2A838 SF3                      PIN  
 IC,  
 REACH    RoHS

2

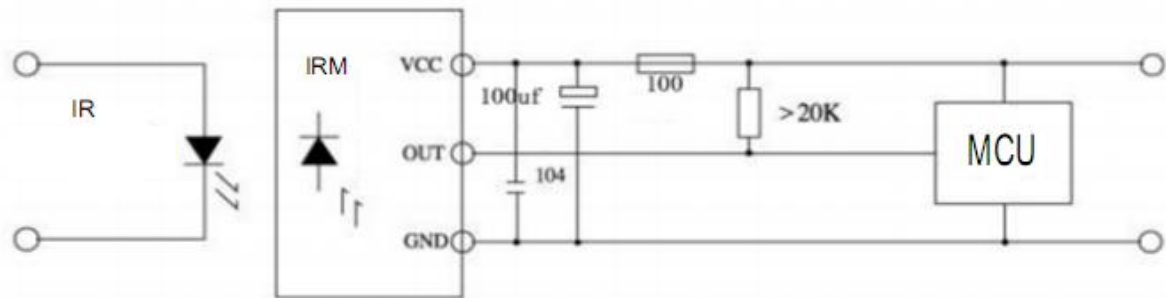
2.7-5.5V

3

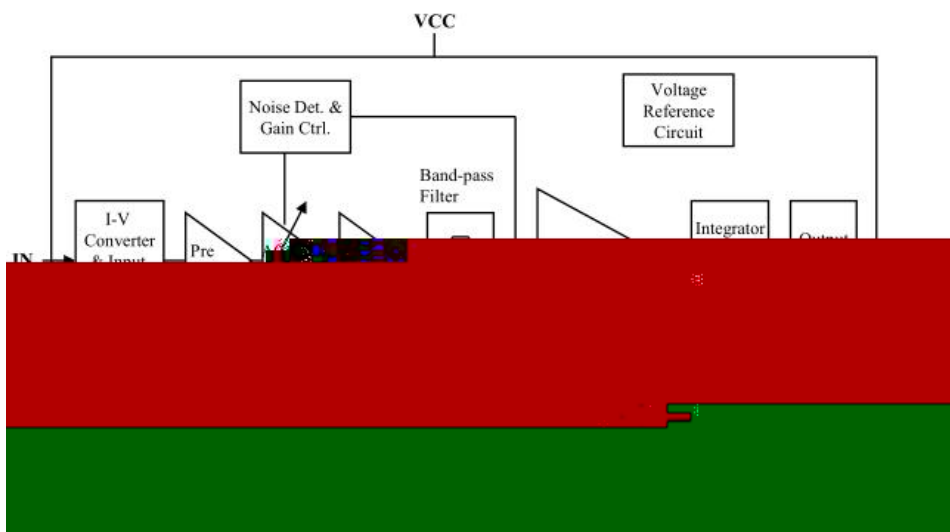
TTL    CMOS  
 :  
 (    MP3    MP4,    )



4



5

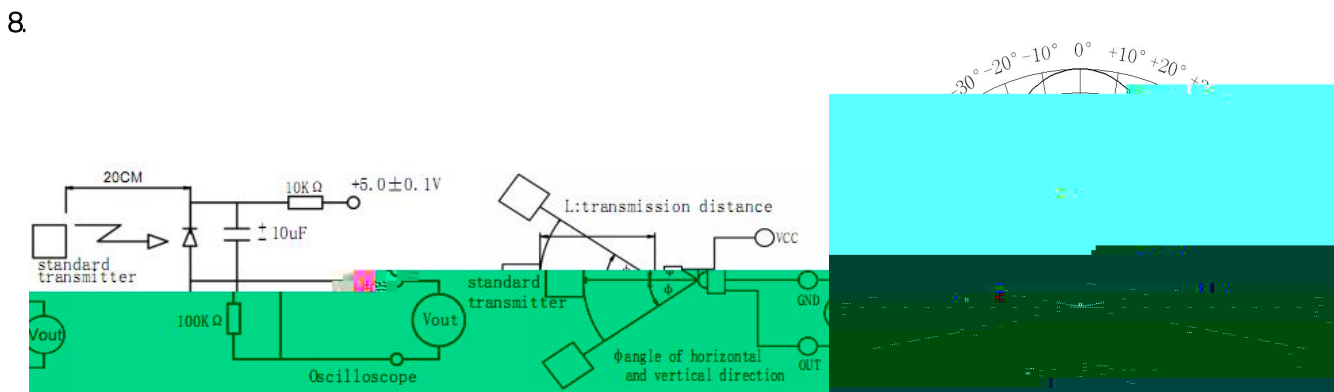


6 (T=25 Vcc=5v f<sub>o</sub>=38KHZ)

			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
BPF	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 - p51 RāC āC- 7p7, 2pp 5pL , 1M āp

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



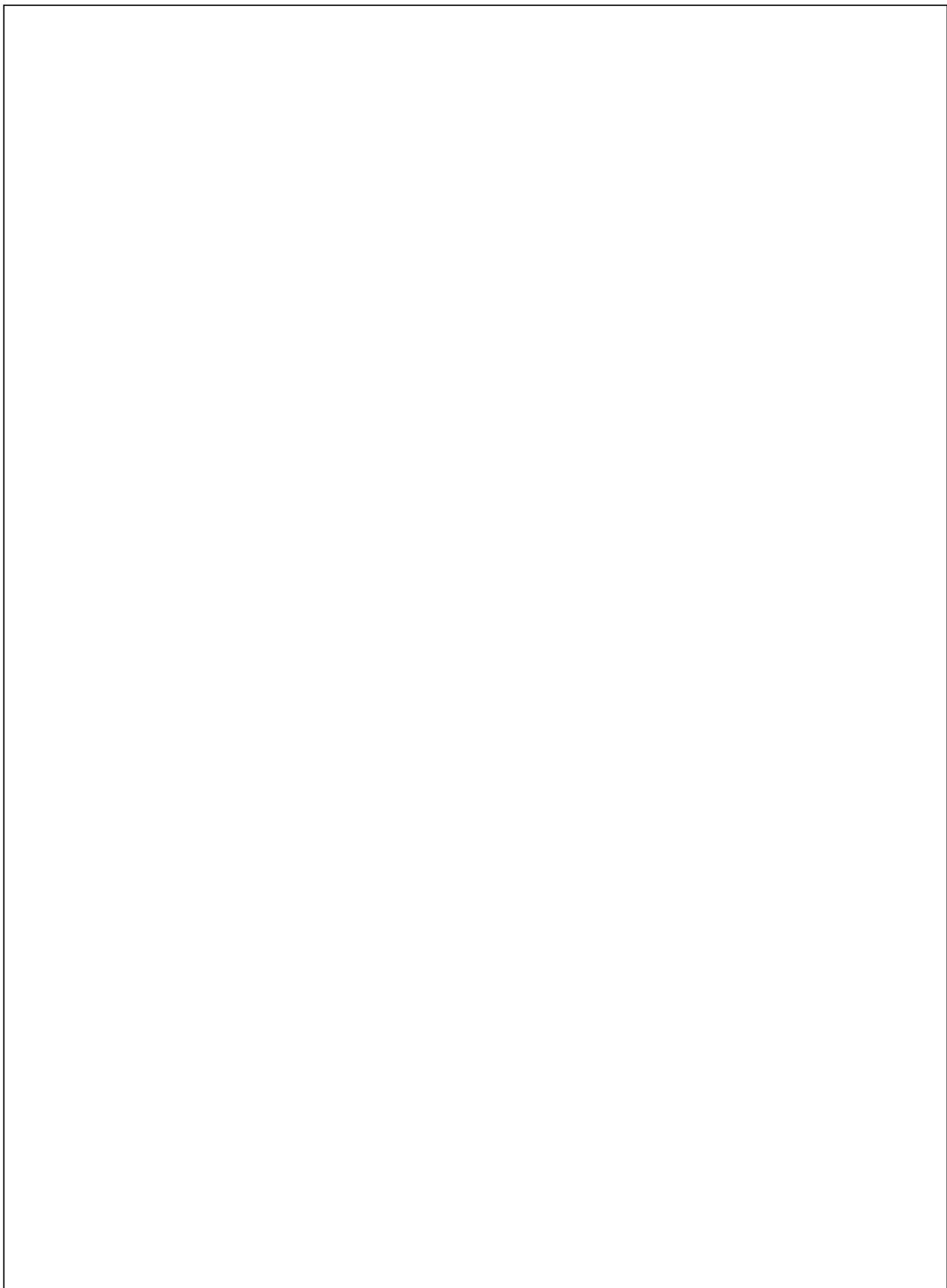
9

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

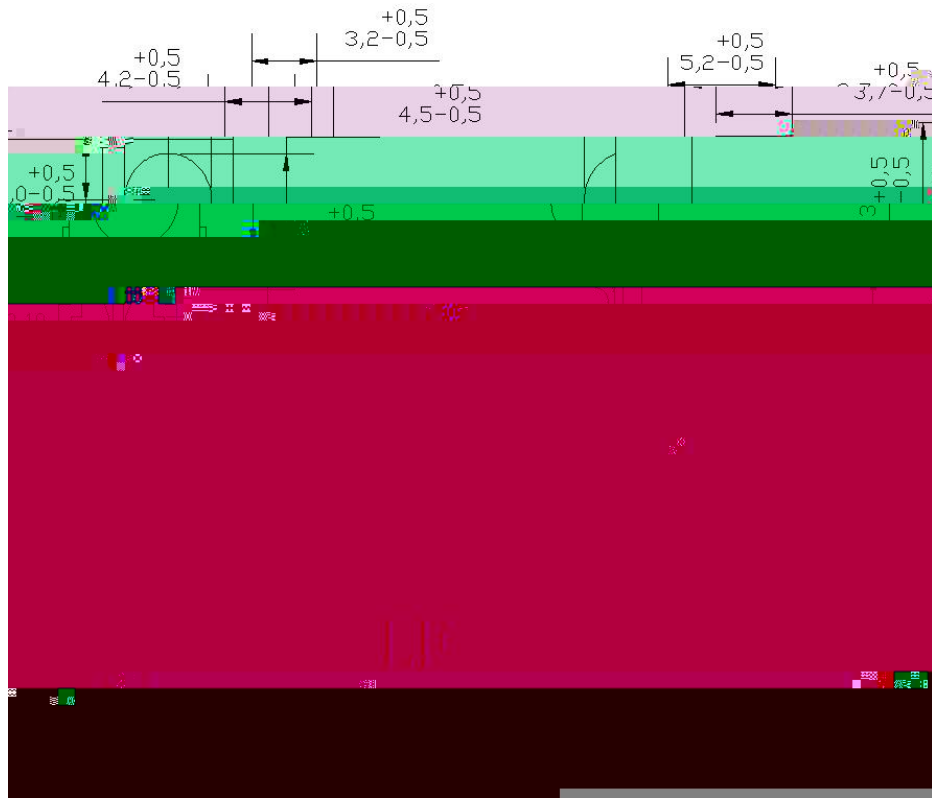
10 :

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

\* 2.0mm



14



15

1).

: 260 5 , ,  
 2mm  
 30W , 350 , 3 , ,  
 2mm

2).

3).

a. 2MM b.

4).

5).

6).

3

7).

: , ,

