

LG-IRM2A838KSF3

Infrared Receiver Module

DATA SHEET

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

Approved By:

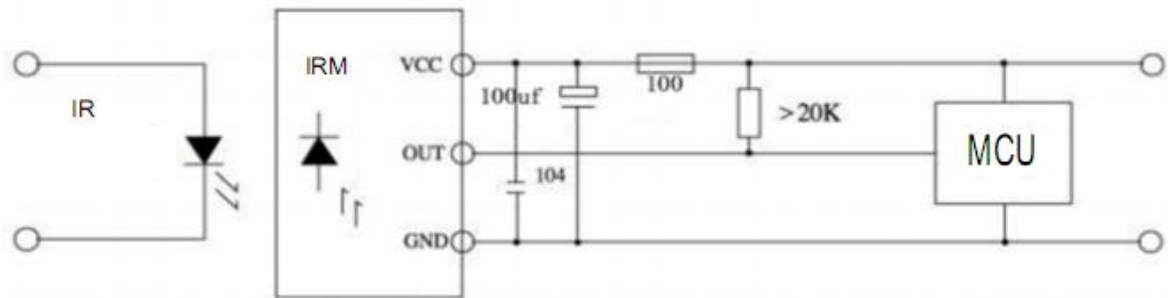
Checked By:

Prepared By:

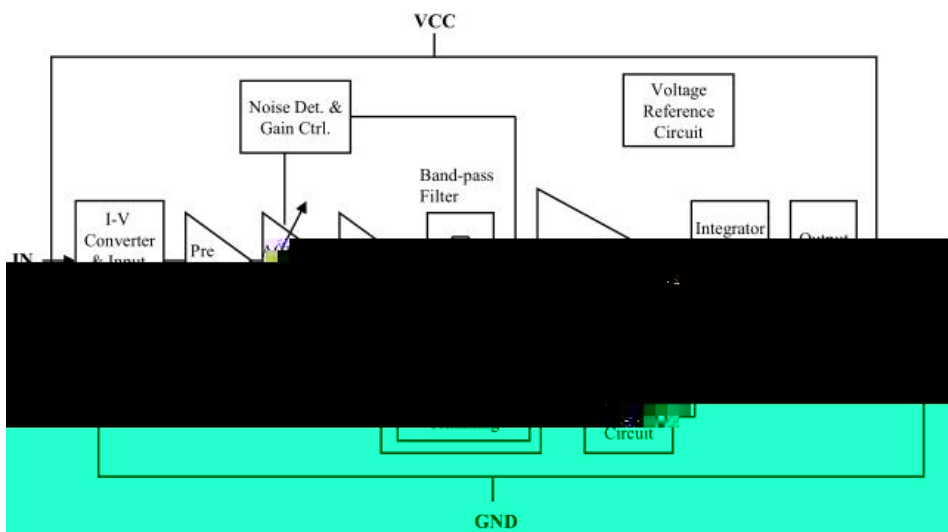
1 IRM2A838 SF3 PIN
 IC
 REACH ROHS
 2 2.7-5.5V
 TTL CMOS
 3 : (MP3 MP4,)



4 :



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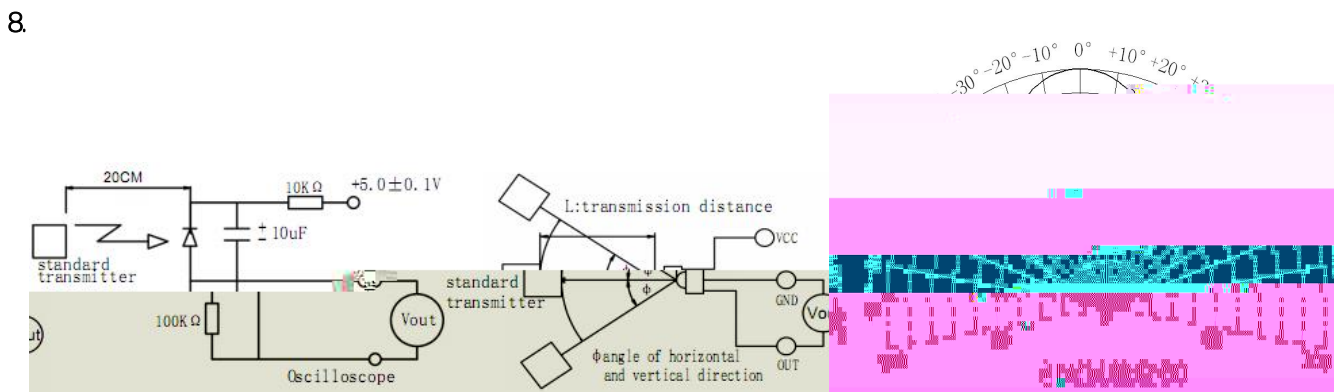


6 (T=25 Vcc=5v f_o=38KHZ)

			Min	Type	Max		
		I _{CC}	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 _o		37.9		kHz	
BPF	f _{BW}		-3dB Bandwidth ,Vin=30μV p-p		4	6	8 kHz
		V _{OL}	I sink=2.0mA		2.7	3.0	-
		V _{OH}					
		T _{PW}	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, 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.



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		Min	Typ	Max	
	V _{DD}	2.7	-----	5.5	V
	FM		37.9		kHz
	Topr		25		

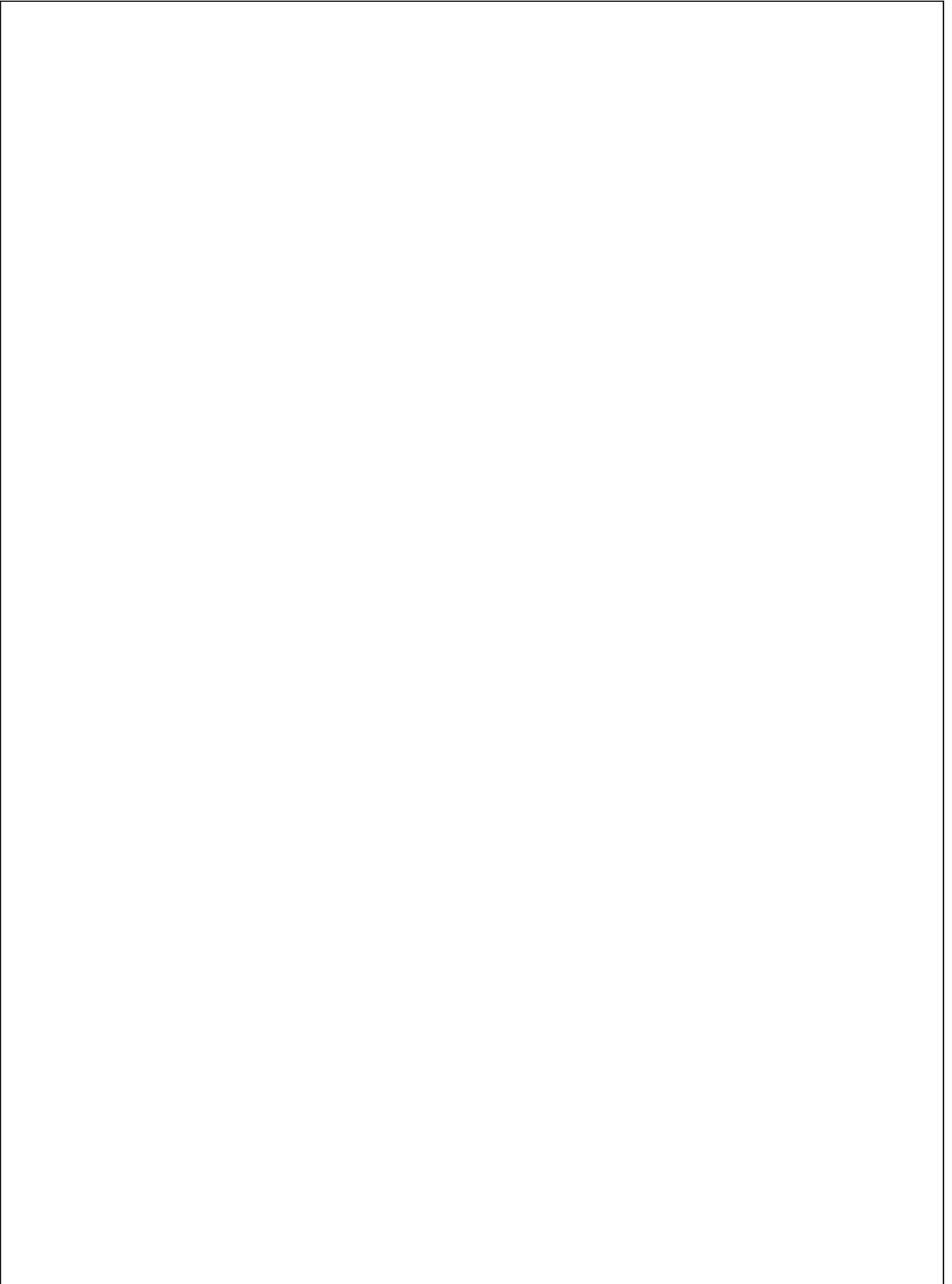
10. :

	V _{DD}	6.0		V
	Tstg	-40 --- +125		
*	Tsol	260± 5 5S		

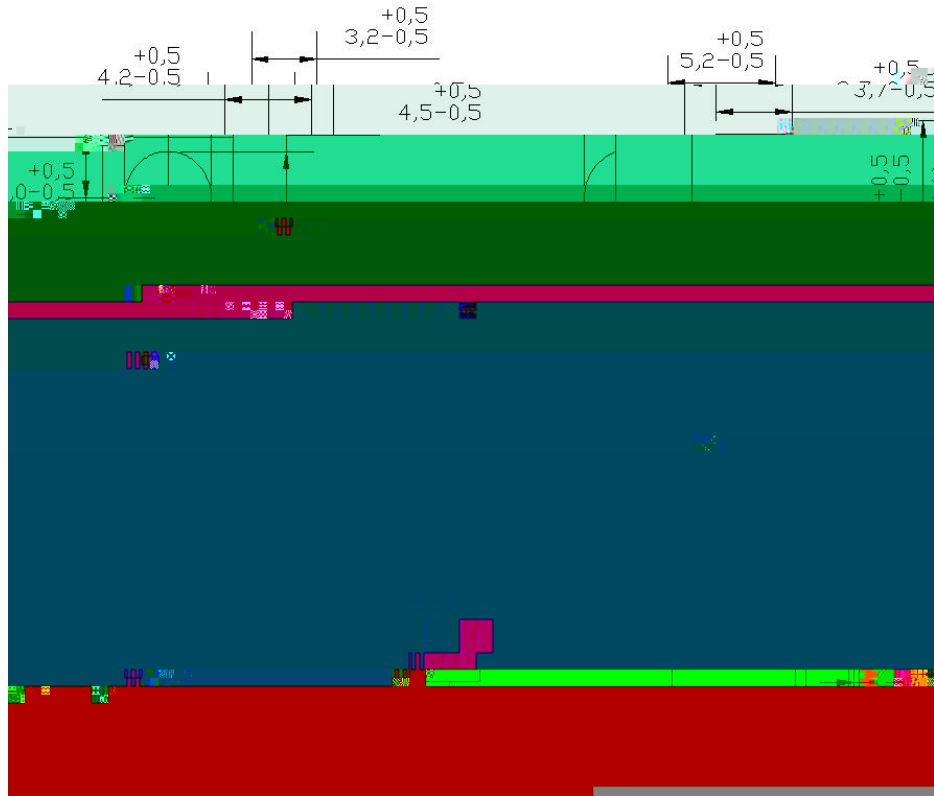
* 2.0mm

LI

LIGHT ELECTRONICS CO., LTD.



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1).

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

2).

3).

a. 2MM b.

4).

5).

6).

3

7).

: , ,

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