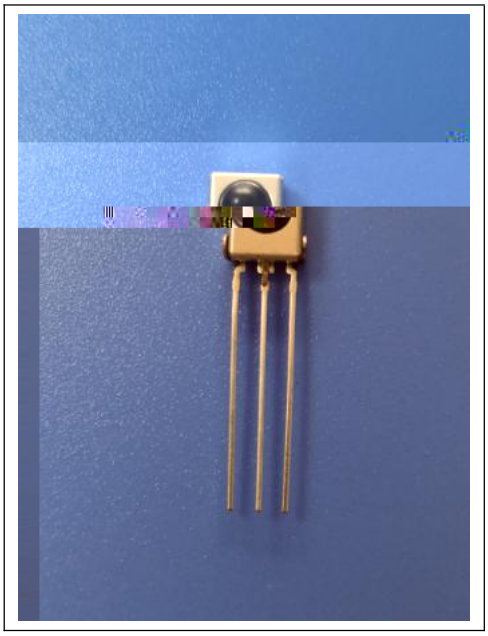
LG-IRM2A838KSF3
Infrared Receiver Module
DATA SHEET

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

Approved By: Checked By: Prepared By:

1

IRM2A838ĥSF3 PIN
IC,
REACH ROHS



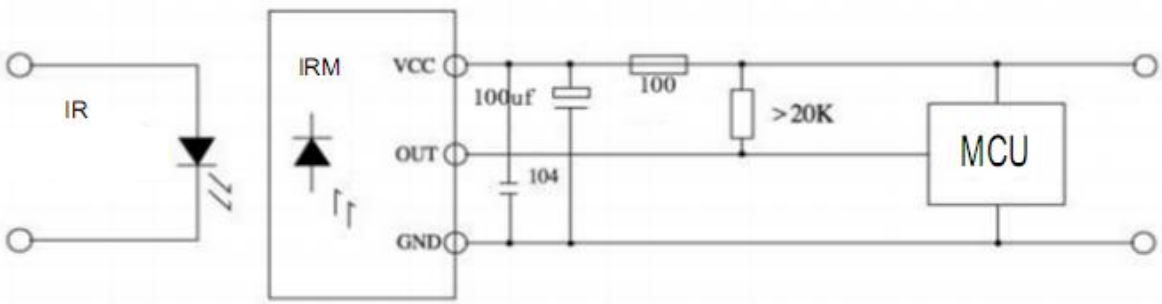
2.

-
- 2.7-5.5V
-
-
- TTL CMOS

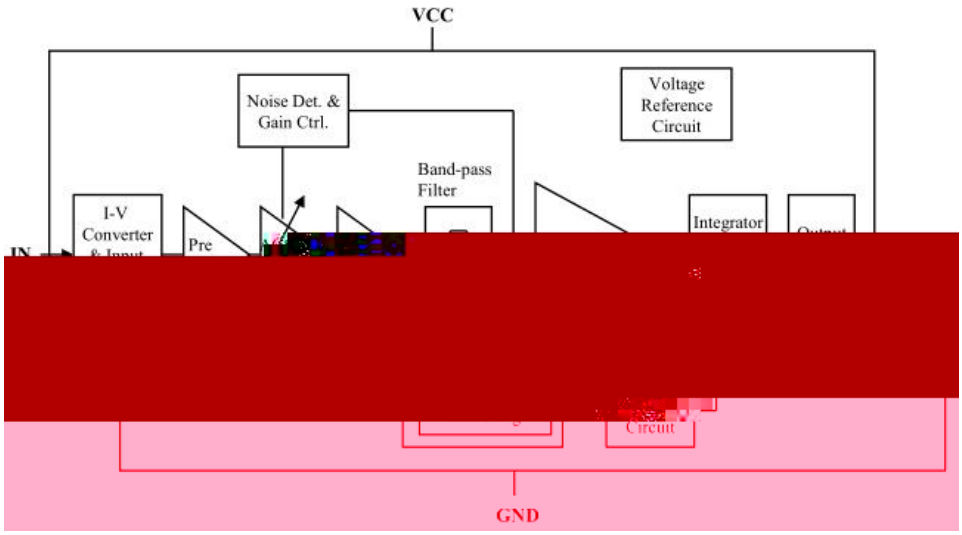
3 :

- (MP3 MP4,)
-
-

4 :



5

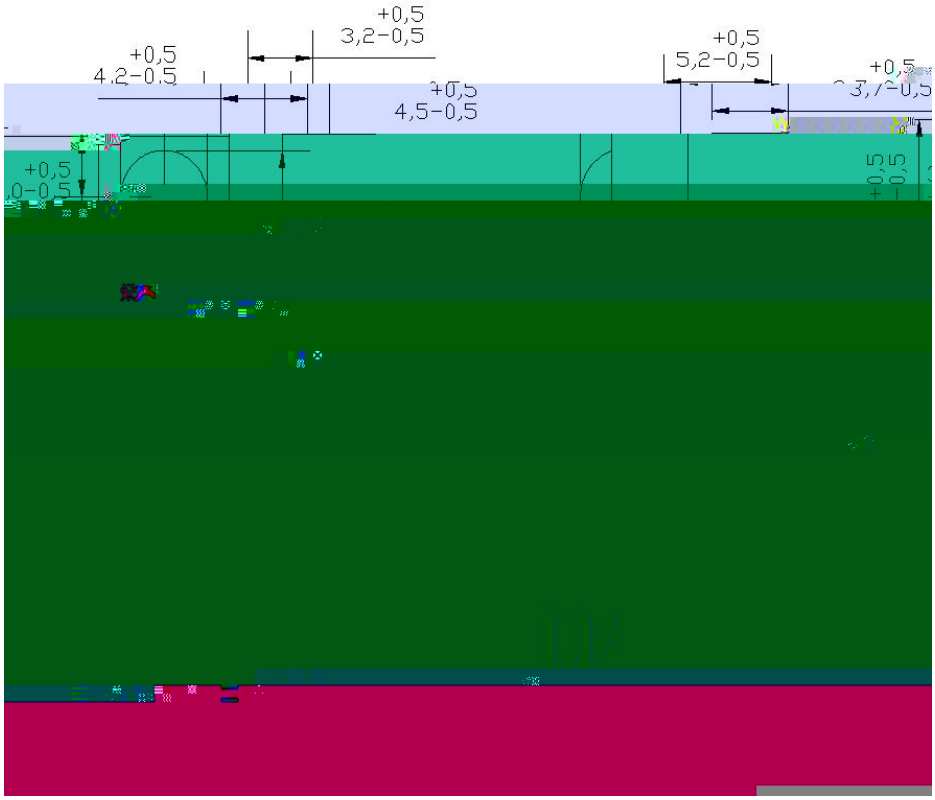


6 (T=25 Vcc=5v f_o=38KHZ)

			Min	Type	Max	
	Icc	VDD=3v	0.4	0.7	1.2	mA
	L 0 °		14	16		M
	L 45 °		7	8		M
	L 45 °		7	8		M
	f_0			37.9		kHz
BPF	f_{BW}	-3dB Bandwidth ,Vin=30μVp-p	4	6	8	kHz
	V_{OL}	Isink=2.0mA		0.2	0.4	V
	V_{OH}		2.7	3.0	-	V
	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

ķŔŕ Lô-Ģ5IRćCĹćC-7Ģ7,ŗ ŘřŚŕ ś, Ŝŝŝŝ

14



15

1).

: 260 5 , ,

2mm

30W , 350 , 3 ,

2mm

, , ,

2). ,

3). a. 2MM b.

4).

5).

6).

3

7). : , ,