

LG-IRM2A738KEF3

Infrared Receiver Module

DATA SHEET

SPEC.NO. : SZ17070802
DATE : 2017/07/08
REV. : A/0

Approved By:

Checked By:

Prepared By:

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IRM2A738hEF3 PIN
IC,
REACH ROHS



2.

-
- 2.7-5.5V
-
-
- TTL CMOS

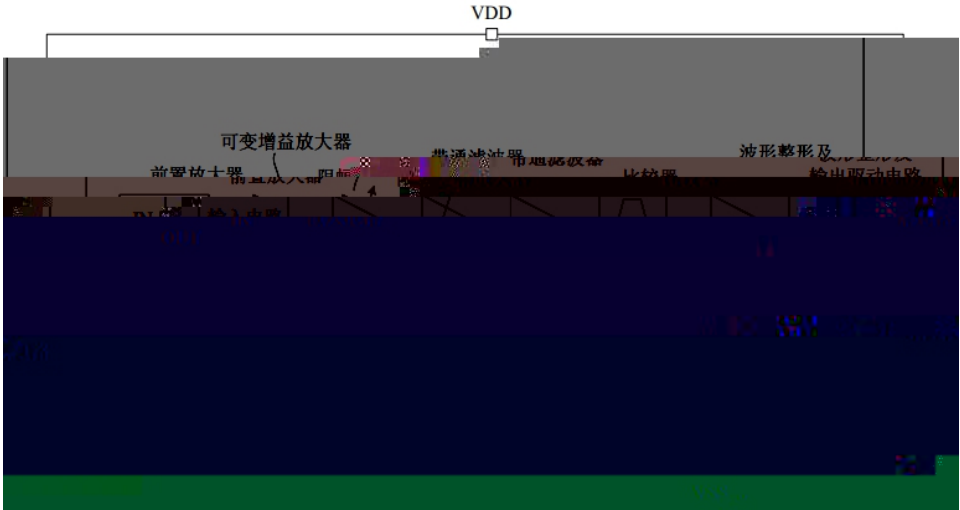
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■ (MP3 MP4,)
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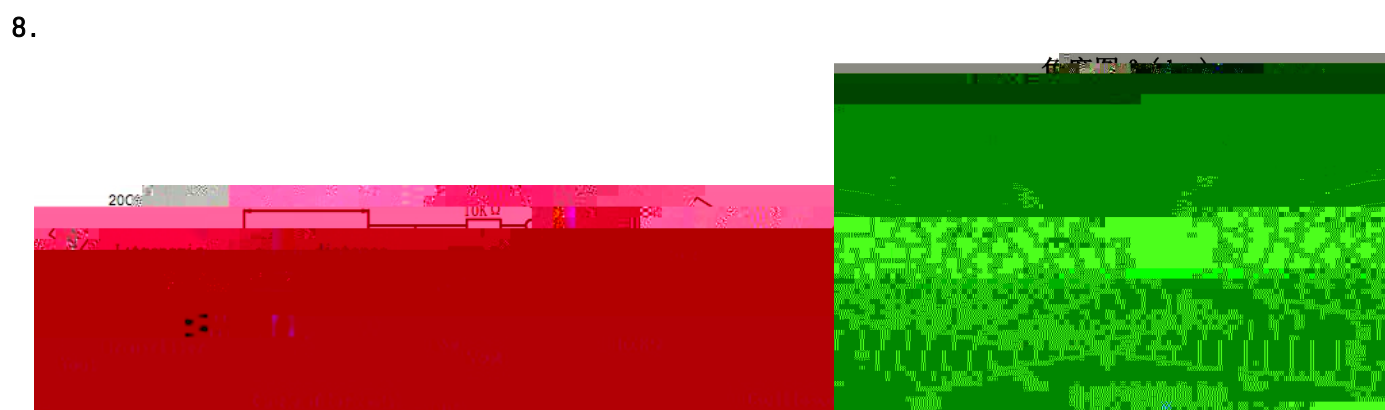


6 (T=25 Vcc=3.0v f₀=38KHZ)

			Min	Type	Max	
	I _{cc}	VDD=5v	0.2	0.3	0.5	mA
	L	0 °	8	10		M
	L	35 °	4	5		M
	L	35 °	4	5		M
	f ₀			37.9		kHz
BPF	f _{BW}		3	4.5	6	kHz
	V _{OL}	I _{sink} =2.0mA		0.2	0.4	V
	V _{OH}	VCC=5V	2.7	3.0	VCC	V
	T _{PWL}	burst wave Vin=500μV p-p	400	600	800	μS
	T _{PWH}	burst wave Vin=50mV p-p	400	640	800	μS
	Tburst	Vin=50mV p-p	400			us
	Tburst gap	Vin=50mV p-p	450			us
	Tpause	Vin=50mV p-p	45			ms

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NEC/RC5_Philips.



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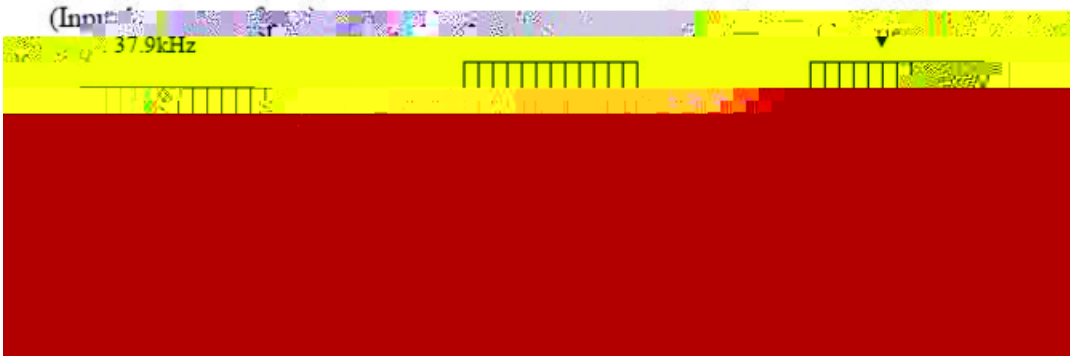
		Min	Typ	Max	
	V _{DD}	2.7	-----	5.5	V
	FM		37.9		kHz
	Topr		25		

10. :

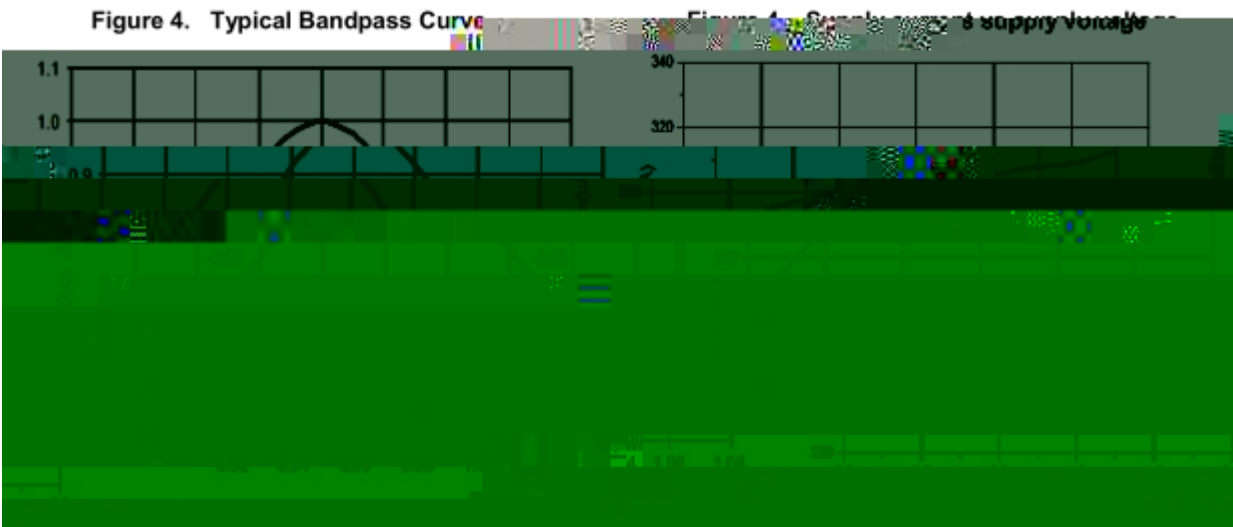
	V _{DD}	6.0	V
	Tstg	-40 — +125	
*	Tsol	260 ± 5 5S	

* 2.0mm

11. :



12 (Characteristics Curve)(Tamb=25 unless otheruise specified)

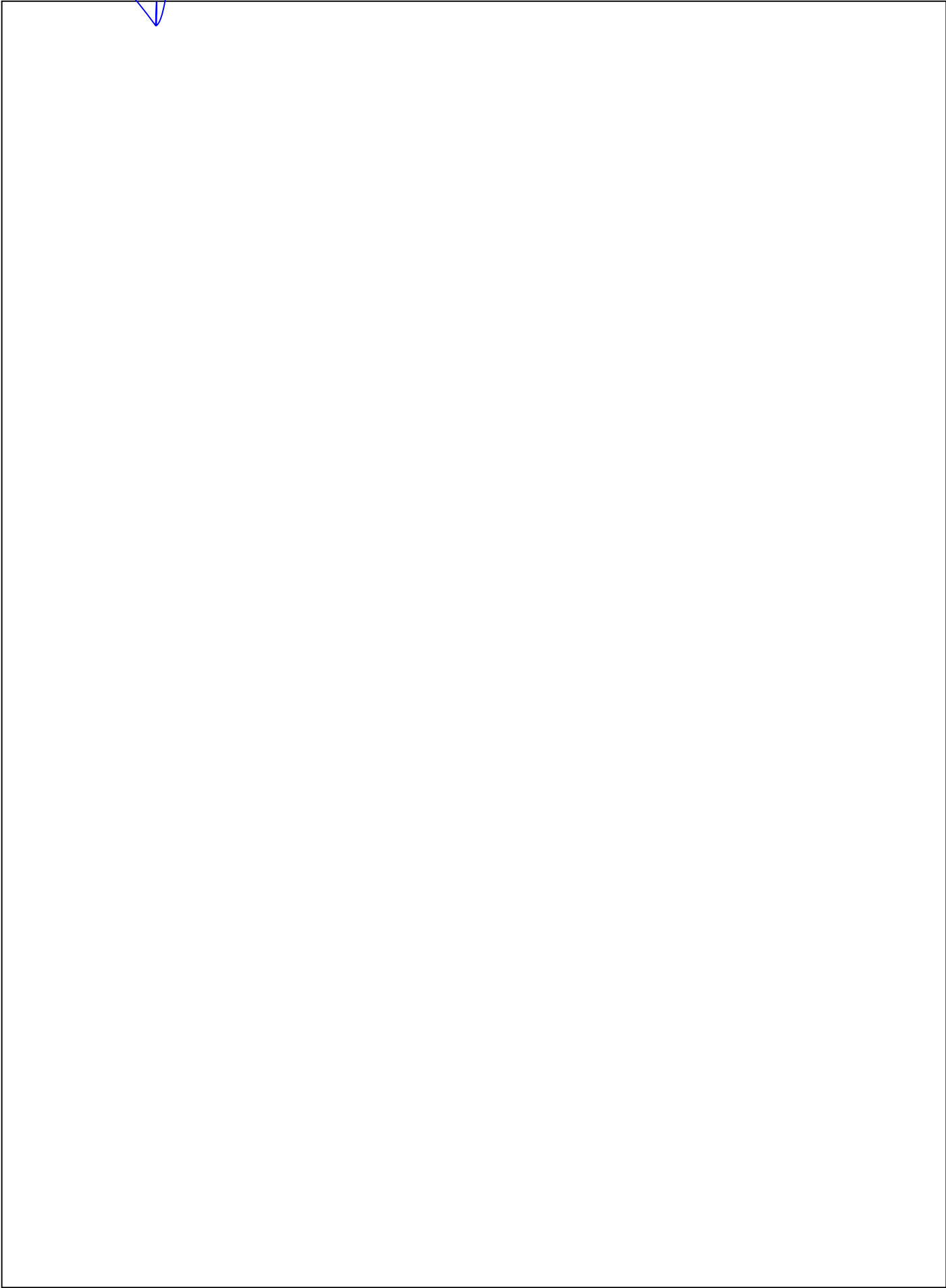


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	260 ± 5	5	20	20
	100PF, 1.5kΩ , 4KV,		20	20
	10-50Hz/1min 1.5mm X Y Z/30min	30	20	20
	85 ± 2	240	20	20
	-20 ± 2	240	20	20
	85 85%	240	20	20
	-20 30 85 30	10	20	20
	2.5N 2		20	20

LIGHT

LIGHT ELECTRONICS CO., LTD.



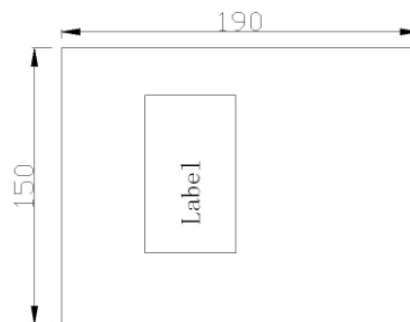
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Ξ O 150mm × 190mm

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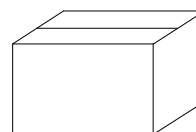
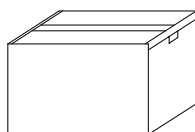
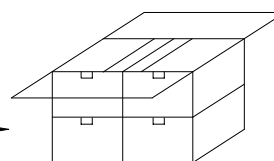
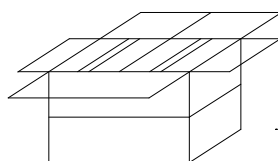
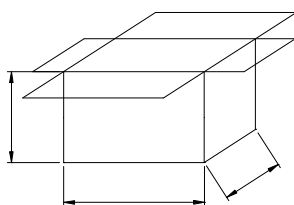
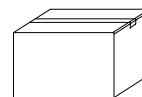
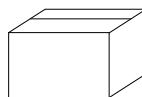
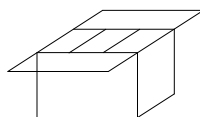
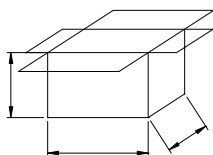
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