

# LIGHT



LG-IRM2B238KSF3

IC

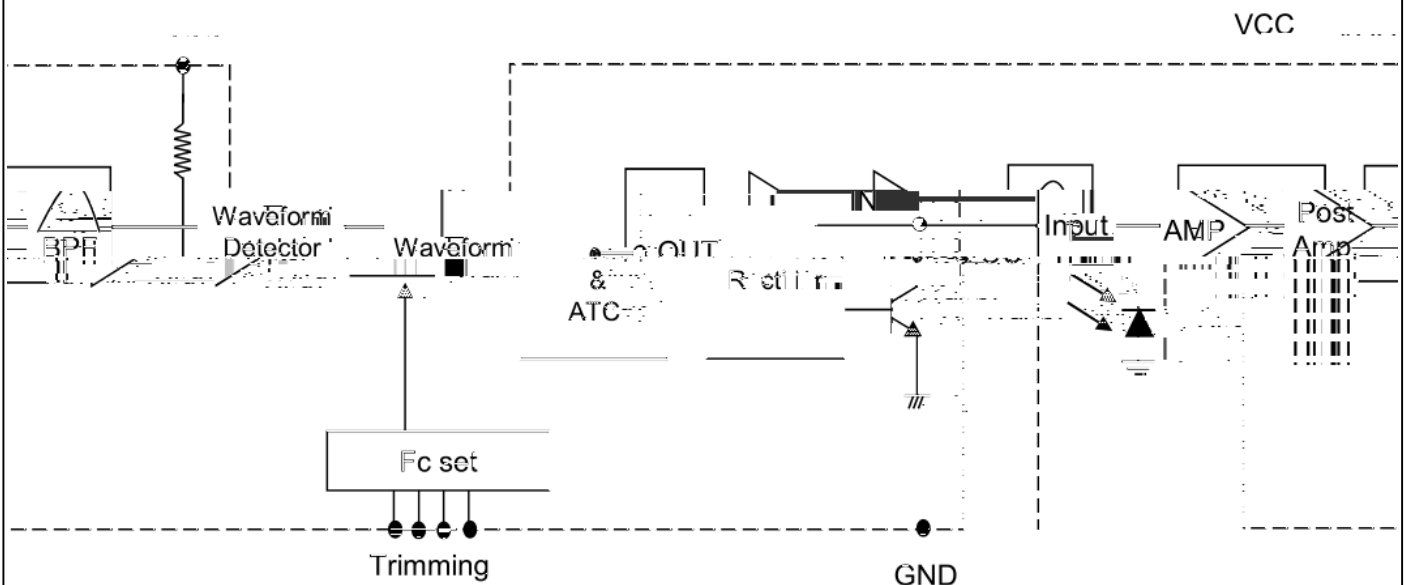
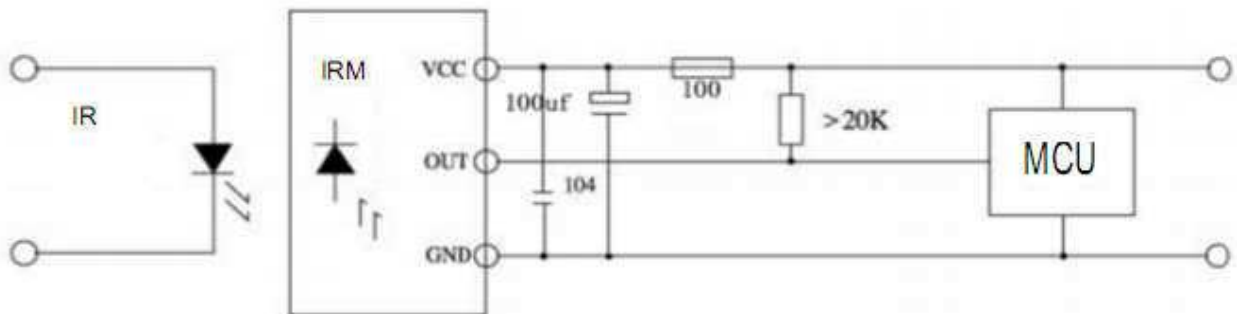
PIN

RoHS REACH

2.7-5.5V

TTL CMOS

( MP3 MP4, )

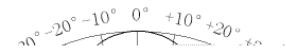
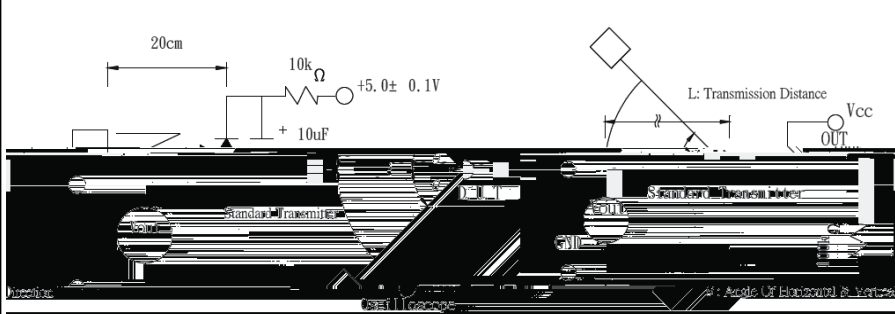


		Min	Typ	Max			
Icc		No Input Signal		0.2	0.5	0.7	mA
L	0°	16	18	---	m		
	45°	8	9	---			
	45°	8	9	---			
f <sub>0</sub>		---	37.9	---	kHz		
BPF	fbw	fin=37.9kHz		---	7.0	---	kHz
BPF	fc	---	f <sub>0</sub>	+5	%		
Vol		Iosink=2.0mA		---	0.2	0.4	V
Voh		---	4.8	5.0	---	V	
Av_max		fin=37.9kHz		60	64.5	68	dB
5ž	Rpul	---	---	50	---	k	
Tpw		Vin =500 pp		400	600	800	μs

1m 40W

200±50Lux

Toshiba/NEC/Mitsubishi/RC5\_Philips/Sony 12bit/Zenith/RC6/Continuous Code/Sony 15bit/  
Sony 20bit/RCA/RCMM.

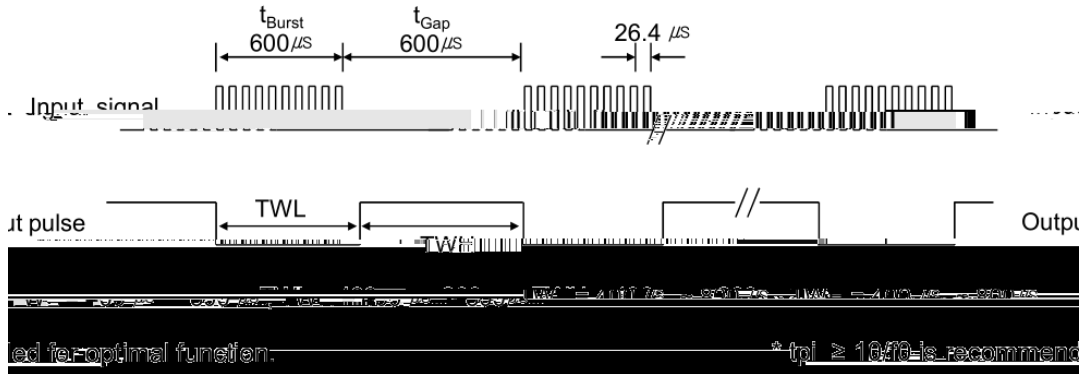


	Min.	Typ.	Max.	
V <sub>DD</sub>	2.7	---	5.5	V
FM	---	37.9	---	kHz
Topr	---	25	---	

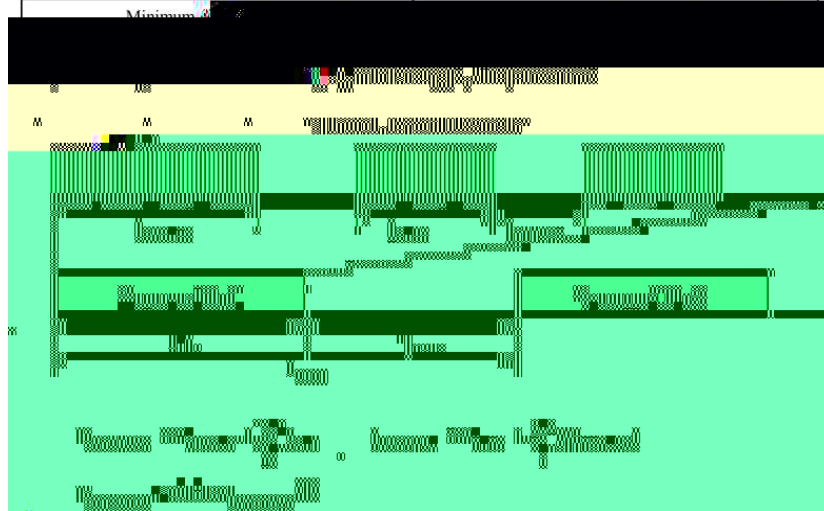
	V <sub>DD</sub>	6.0	V
	Tstg	-40~100	
	Tsol	260±5 5S	

\*

### Output Waveform ( at freq.=37.9KHz )



Minimum Burst Length $t_{burst}$ ( number of pulses per burst)	200us
Minimum Burst Gap time $t_{burst\_gap}$ ( number of pulses per burst) between two burst	300us



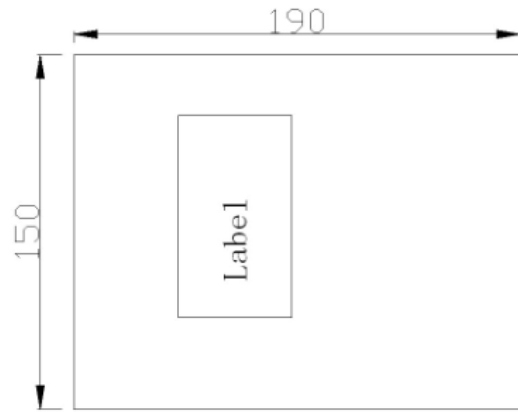
	260 ±5	5	20	20
	100PF, 1.5k , 4KV,	---	20	20
	10-50Hz/1min 1.5mm X Y Z/30min	30	20	20
	85 ±3	240	20	20
	-20 ±3	240	20	20
	85 85%	240	20	20
	-20 30 85 30	10	20	20
	2.5N 2	---	20	20



1

150mm × 190mm

500PCS

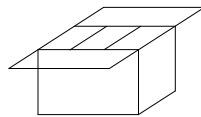
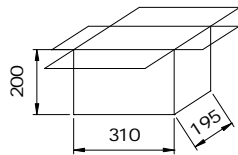


2

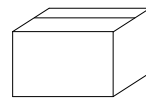
500pcs/

10 /

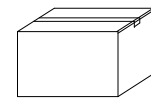
4 /



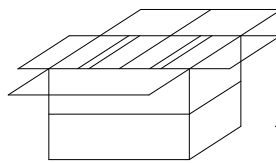
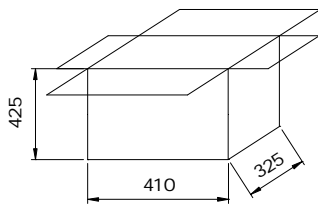
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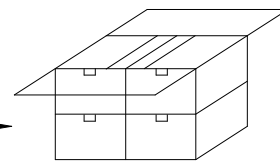
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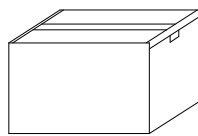
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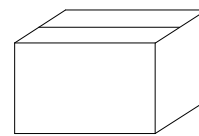
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3
