



# LIGHT



LG-IRM2B238KSF3

IC

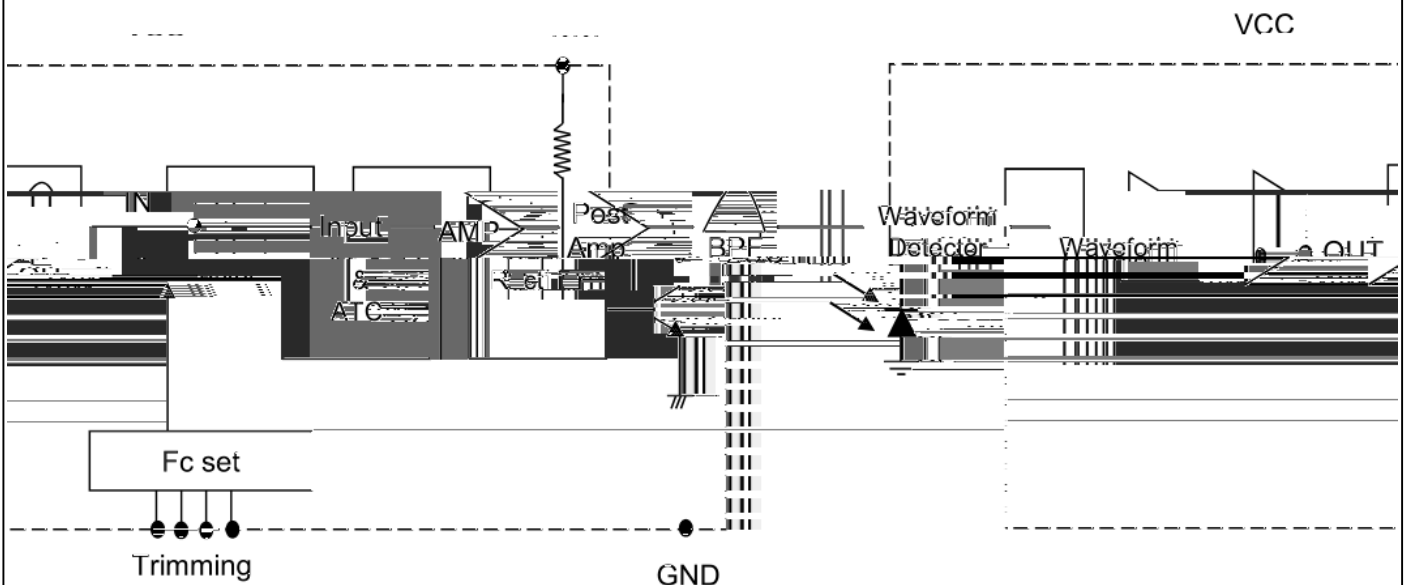
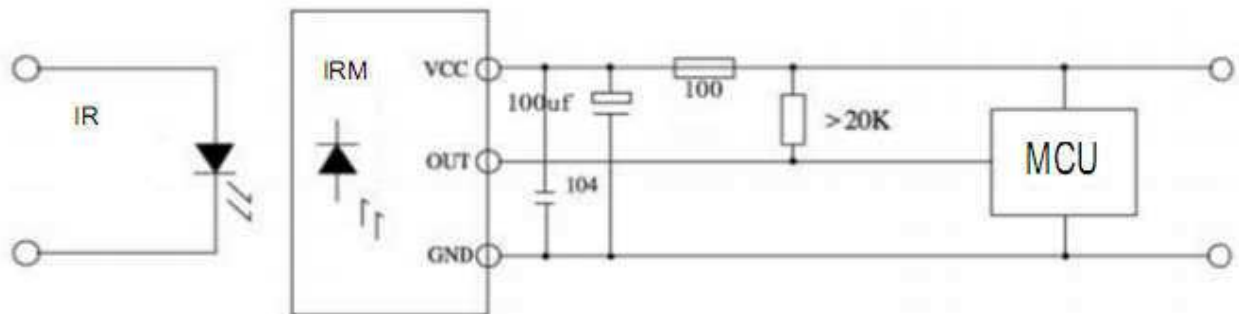
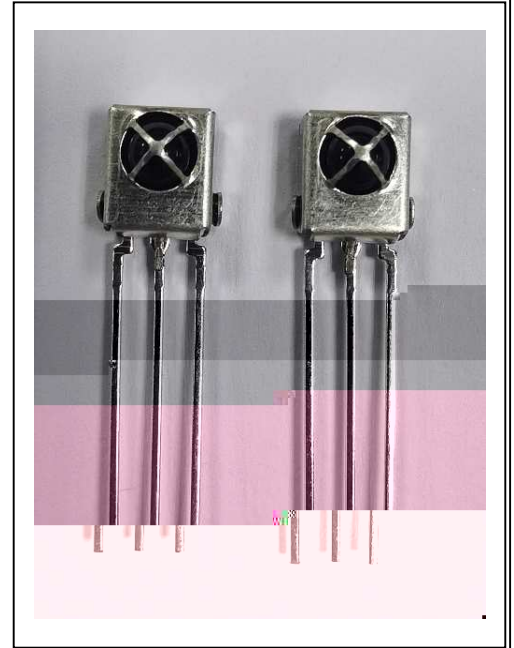
PIN

RoHS REACH

2.7-5.5V

TTL CMOS

( MP3 MP4, )

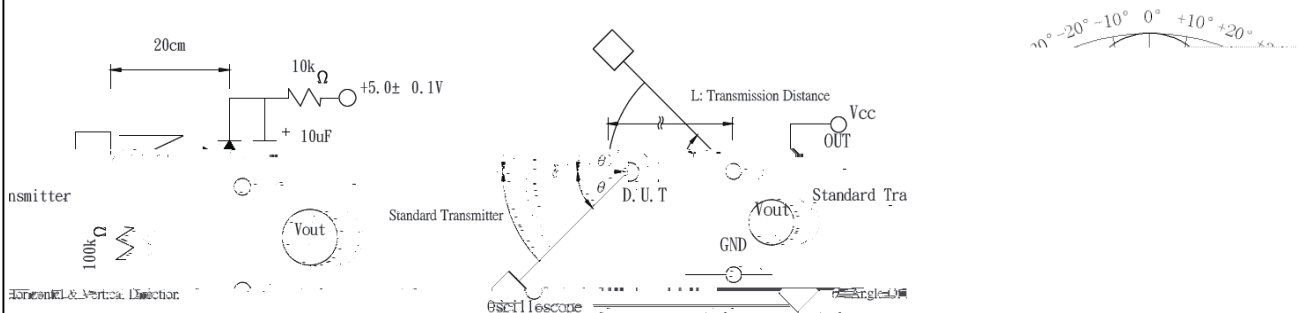


			Min	Typ	Max			
		Icc	No Input Signal		0.2	0.5	0.7	mA
	L	0°	16	18	---	m		
	L	45°	8	9	---			
	L	45°	8	9	---			
		f <sub>0</sub>	---	37.9	---	kHz		
BPF	fbw	fin=37.9kHz		---	7.0	---	kHz	
BPF	fc	---		-5	f <sub>0</sub>	+5	%	
		V <sub>ol</sub>	Iosink=2.0mA		---	0.2	0.4	V
		V <sub>oh</sub>	---		4.8	5.0	---	V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

1m 40W

200±50Lux

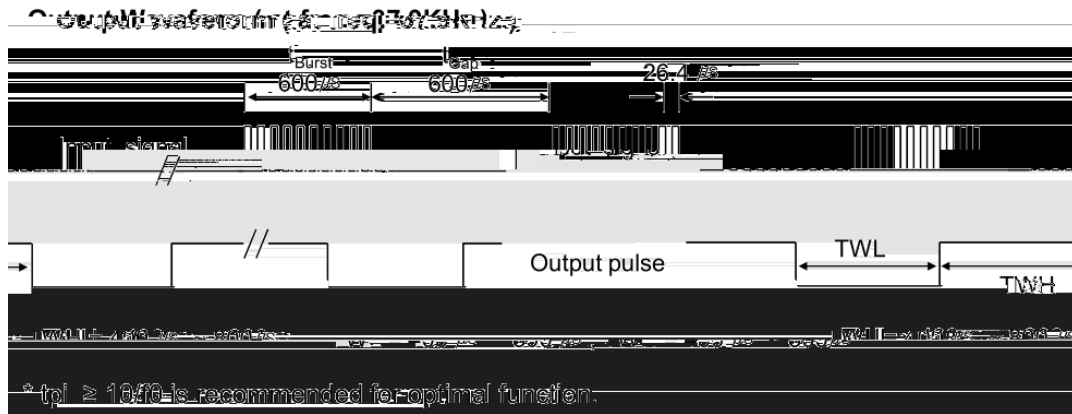
Toshiba/NEC/Mitsubishi/RC5\_Philips/Sony 12bit/Zenith/RC6/Continuous Code/Sony 15bit/  
Sony 20bit/RCA/RCMM.



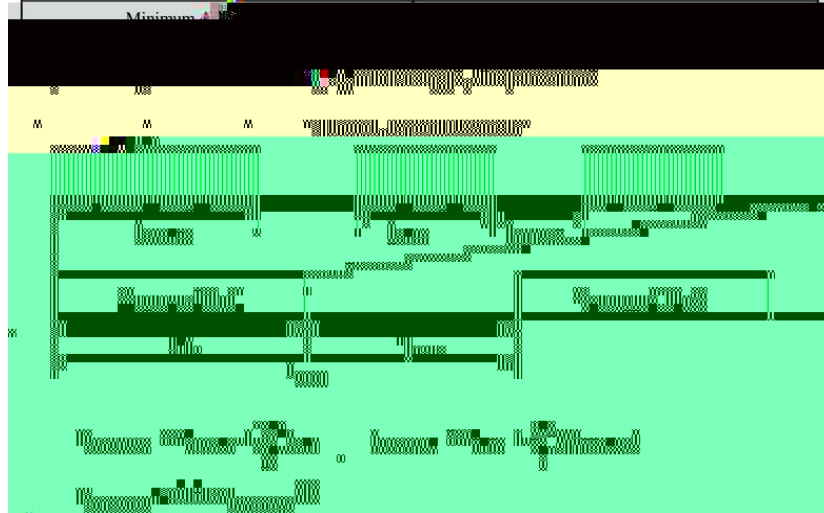
		Min.	Typ.	Max.	
	V <sub>DD</sub>	2.7	---	5.5	V
	FM	---	37.9	---	kHz
	Topr	---	25	---	

	V <sub>DD</sub>	6.0	V
	T <sub>stg</sub>	-40~100	
	T <sub>sol</sub>	260±5 5S	

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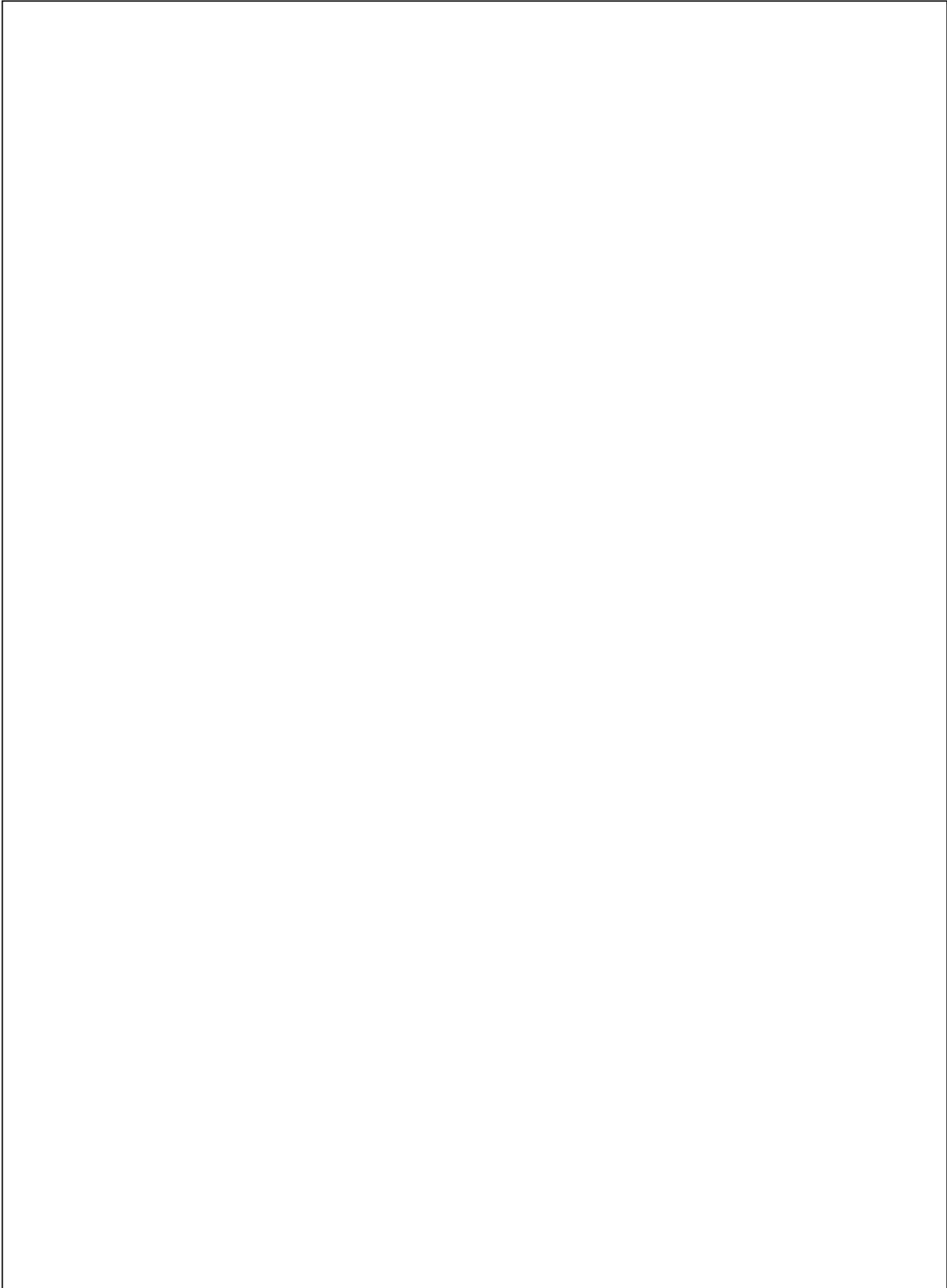


Minimum Burst Length $t_{burst}$ ( number of pulses per burst)	200us
Minimum Burst Gap time $t_{burst\_gap}$ ( number of pulses per burst) between two $t_{burst}$	300us



	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

LIG

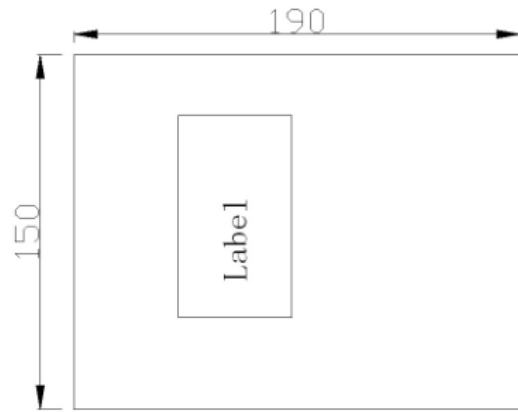


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1

150mm × 190mm

500PCS

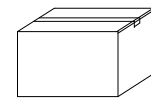
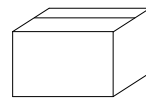
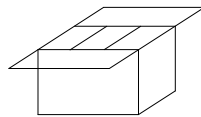
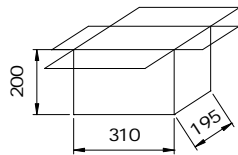


2

500pcs/

10 /

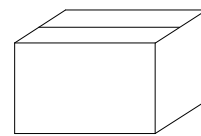
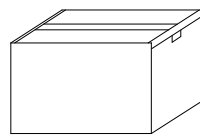
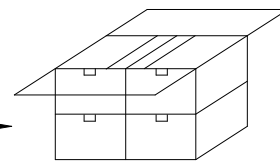
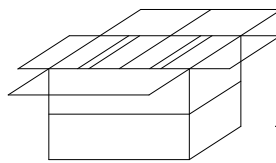
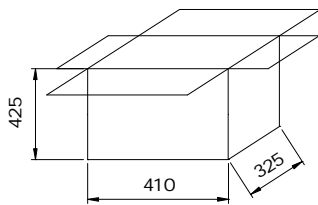
4 /



1

2

3



4

3
