



1.

LG-IRM2B238KSF3

IC

PIN

RoHS REACH

2.

2.7-5.5V

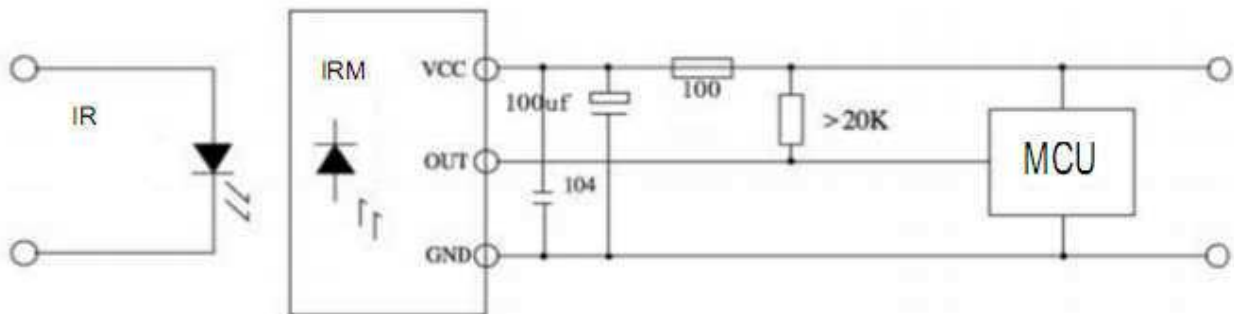
TTL CMOS

3.

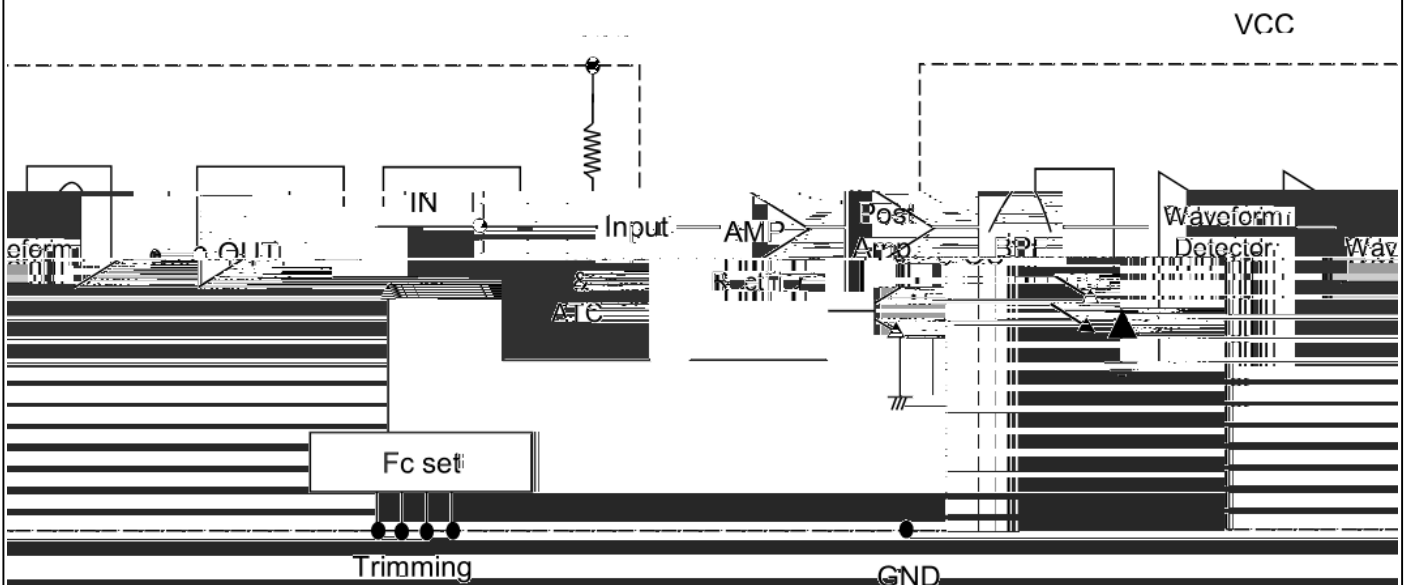
( MP3 MP4, )



4.



5.



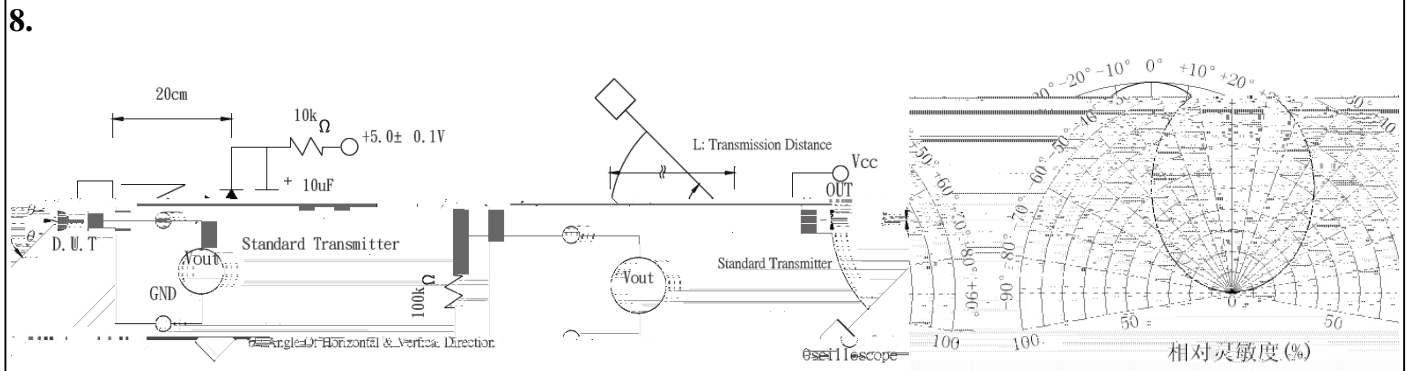
6. (T=25 , Vcc=3.0V, f<sub>0</sub>=37.9kHz)

|                |     | 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  |
| Rpul           |     | ---             |                |     | --- | 50   | --- | k   |
| Tpw            |     | Vin =500 pp     |                |     | 400 | 600  | 800 | μS  |

1m 40W

200±50Lux

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



9.

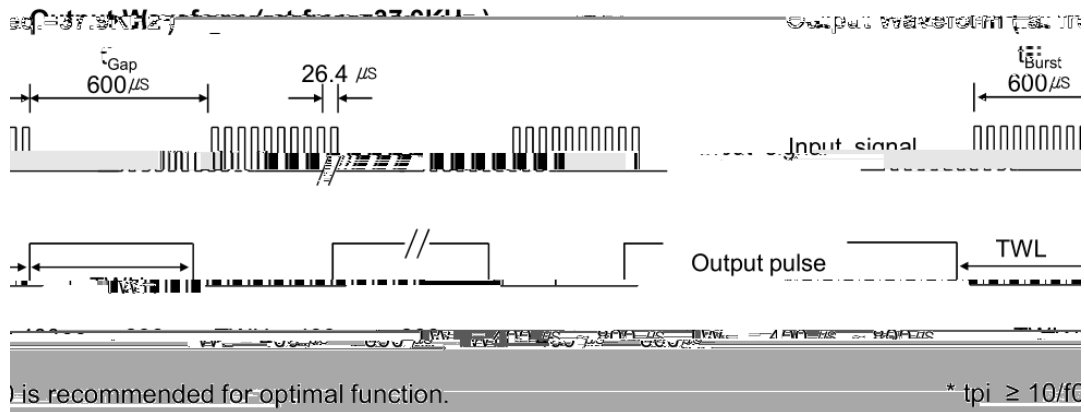
|                 | Min. | Typ. | Max. |     |
|-----------------|------|------|------|-----|
| V <sub>DD</sub> | 2.7  | ---  | 5.5  | V   |
| FM              | ---  | 37.9 | ---  | kHz |
| Topr            | ---  | 25   | ---  |     |

10.

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

\* S D

11.

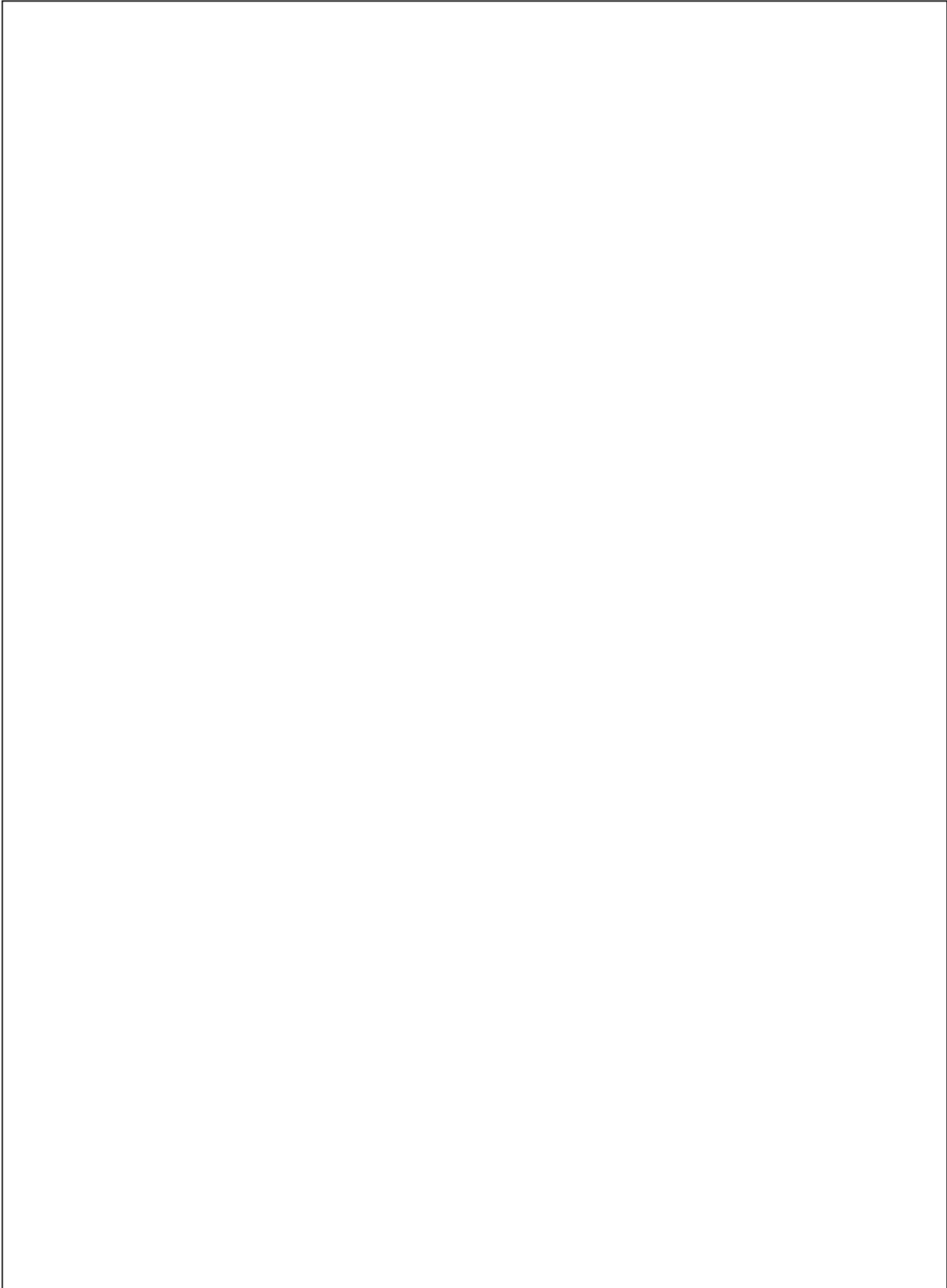


12.



13.

|  |                                   |     |    |    |
|--|-----------------------------------|-----|----|----|
|  |                                   |     |    |    |
|  | 260 ±5                            | 5   | 20 | 20 |
|  | 100PF, 1.5k ,<br>4KV,             | --- | 20 | 20 |
|  | 10-50Hz/1min<br>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 |

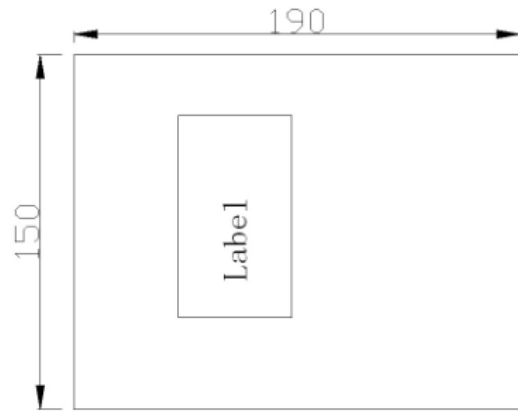


16.

1

150mm × 190mm

500PCS

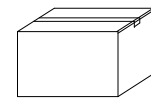
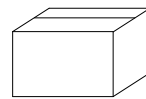
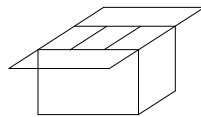
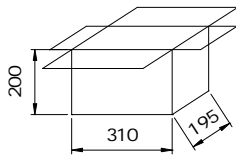


2

500pcs/

10 /

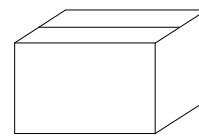
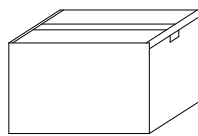
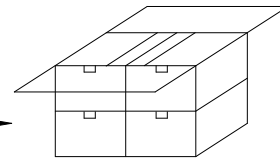
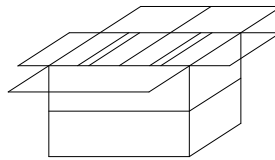
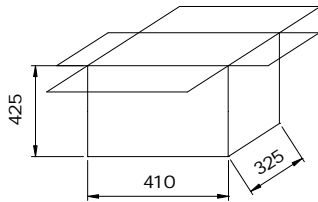
4 /



1

2

3



4

3

|          |       |       |
|----------|-------|-------|
| (pcs / ) | ( / ) | ( / ) |
| 500      | 10    | 4     |