森霸传感科技
SENBA SENSING TEC.

To -

To-Type SMD Analog Pyroelectric Infrared Sensors

S23-S330F

V1.2

Senba Sensing Technology Co.,Ltd.
http://www.nysenba.com

1.

1.1

ISO14001

ISO14001

ISO 9001

ISO - “ISO 9001”

1.2 ROHS

ROHS “ 2011/65/EC”
ROHS

1.3

1.3.1

TO S23-S330F V1.2

1.3.2

FET

2.

3.

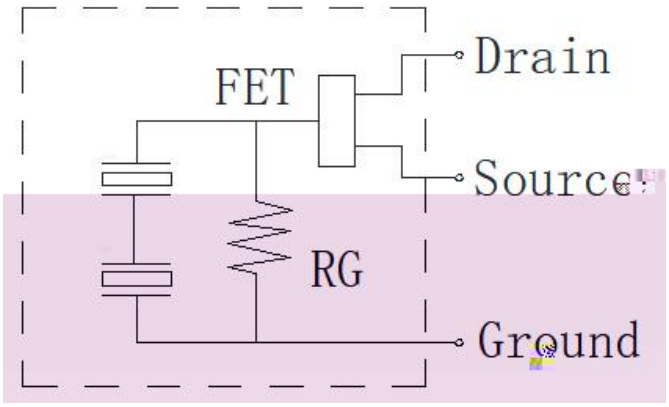
3.1

S 23— S 3 3 0 F

S
23
S: 3*4
3
3 3
0: 5-14um
F F

3.5

	TST	-20	70		
	θ	X=120 °	Y=90 °	°	
	TST	-30	80		
	λ	5	14	μm	
		2.6*1		mm	2elements



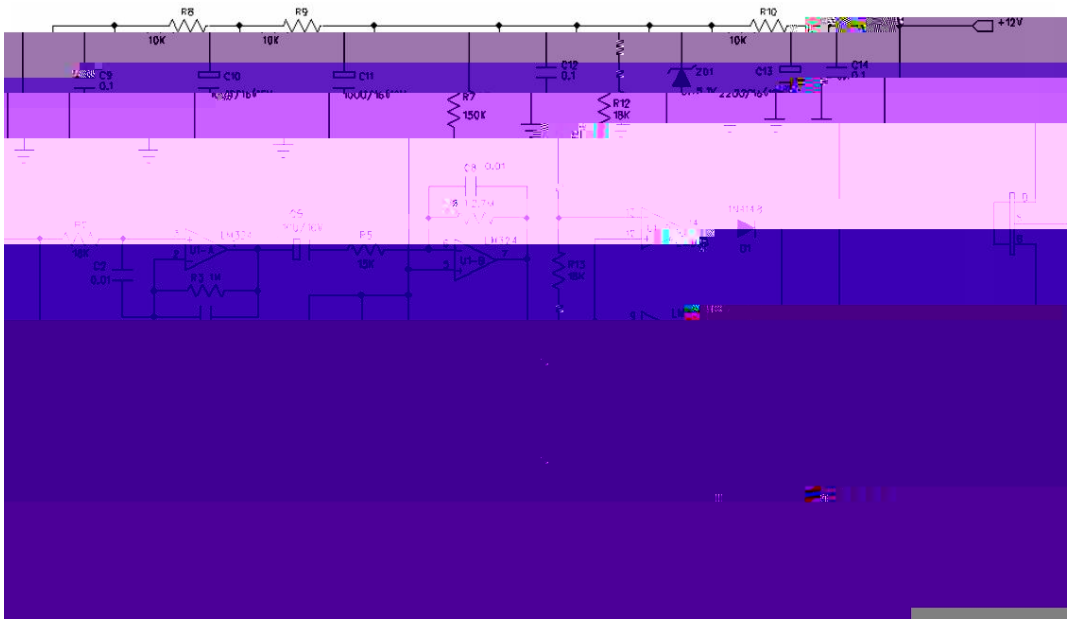
3.6 (25±3 50±10% VDD=3V)

VDD	2		15	V
	0.3		0.8	V
Vpp	≥ 3500			mV
	≥ 3300			V/W
D*	1.4×10^{8} cmHz$^{1/2}$			/W
Vpp	<80mV			mV
	<10%			

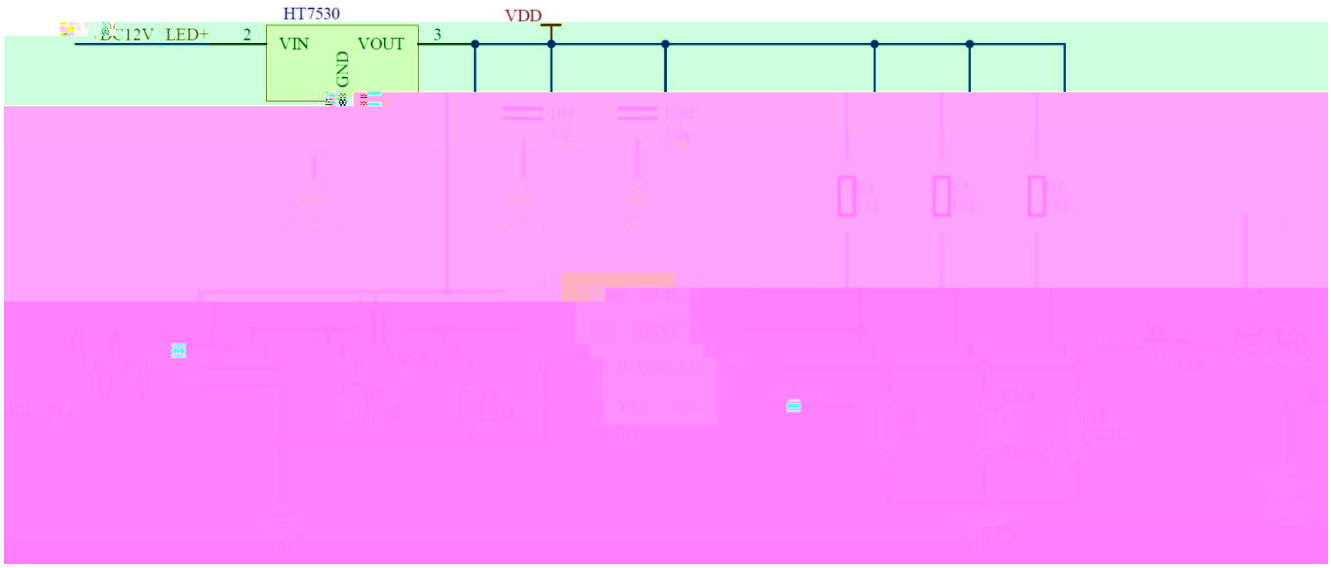
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To

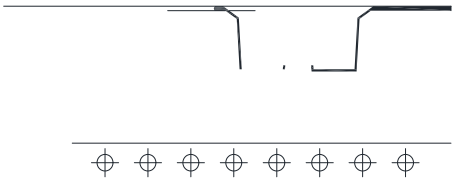
4.

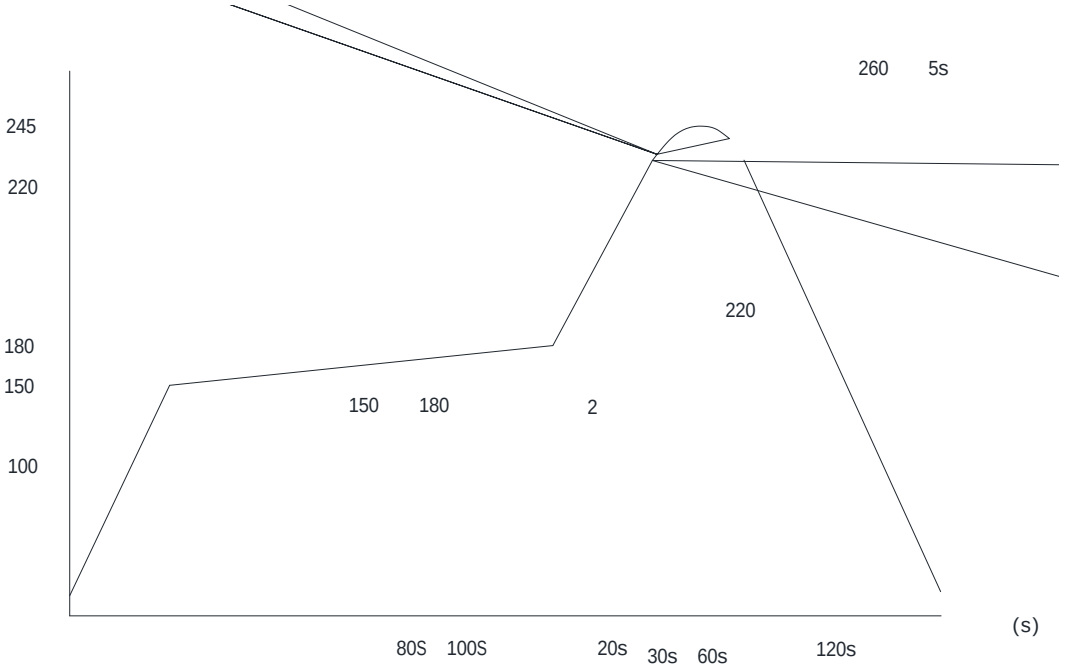

R8
10K
R9
10K
R10
10K
+12V
C9
0.1
C10
C11
C12
0.1
R7
150K
R12
18K
C13
C14
0.1
C8 0.01
C2
0.01
R3 1M
R5
10K
R13
10K
D1

5. PIR+


HT7530
DC12V
LED+
2
VIN
VOUT
3
GND
VDD

7.




260
5s
245
220
220
180
150
150
180
2
100
(s)
80S
100S
20s
30s
60s
120s