

Honeywell Security Sensor CoE
2 Corporate Center Dr.Melville New York 11747 United States

Reference: F FCC ID: **2ABC8-PP300850SE**

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Subject: Class II Permissive change for FCC ID: **2ABC8-PP300850SE**, Original Grant date: 02/11/2014

Applicant: **Honeywell Security Sensor CoE**

TO WHOM IT MAY CONCERN:

This is to request a Class II permissive change for FCC ID: 2ABC8-PP300V50SE, originally granted on 02/11/2014

changes files under this application are:

Change :

Some Component and Layout changed.

The FET electrical characteristics are quite closed, yet there are some difference in component shape and dimension.

detail change list as refer as below , Confirmed RF circuit and performance are no changed.:

1. Replace NE4210S01(300-06289) with CE3512K2(300-09313)
2. Replace DR(300-06688) with DR(300-08959)
- 3.Replace Resistor 21ohm(5-108-2212-00) with 33ohm(RJ6-3301)
- 4.PCB minor changed (replace PCB footprint of NE4210S01 with CE3512K2')

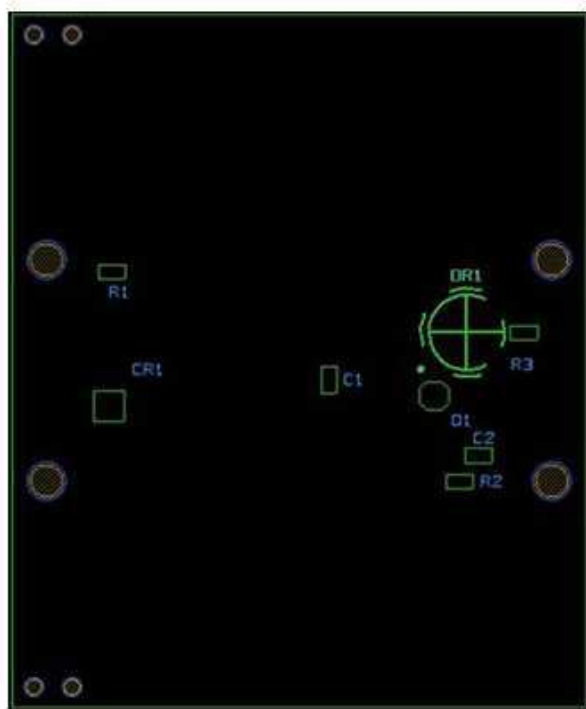
and following table as below :

	Previous				New release				Note
	Honeywell PN#	Mfr	Mfr PN#	Description	Honeywell PN#	Mfr	Mfr PN#	Description	
FET Transistor	300-06289	RENESAS ELECTRONICS CORP	NE4210S01	X to Ku BAND SUPER LOW NOISE AMPLIFIER	300-09313	CALIFORNIA EASTERN LABORATORIES	CE3512K2-C1	FET,LF,4.0V,10mA, 12 GHz Super Low Noise,SMD, -55 to +125	pin to pin complaint alternative second sourcing
PCB (unpopulated)	200-01027	SHENZHEN SHENNAN CIRCUITS CO LTD	200-01027	PCB,FR408HR,2LAYERS,1.50INx1.81IN,X BAND MW MODEL,8INx5.5IN,12	200-01867	SHENZHEN SHENNAN CIRCUITS CO LTD	200-01867	PCB,FR408HR,2LAYERS,1.50INx1.81IN,X BAND MW MODEL,8INx5.5IN,12	Small modification as above picture
DR	300-06688	ZHANGJIAGANG FREE TRADE ZONE CAIQIN TECHNOLOGY CO LTD	TE10.525G HZ-I	RSNTR,10.525GHz,3.6±1.5PPM	300-08959	EXXELIA GROUP	E21936D5.1F10525+/-100MHZ	RSNTR,LF,10.525GHz+/-100MHZ,19+/-2ppm/C,-55 +125C	Changed
Resistor	5-108-2212-00	ROHM CO LTD	MCR03E2PF X22R1	RES,LF,Thick Film,22.1Ohms,1%,0.1W,0603,SMD,-55C to 155C	RJ6-3301	ROHM CO LTD	MCR03E2PFX33R0	RES,LF,33R, 1%, 0.1W, SMD, 0603, -55C to +125C	Changed
PC microwave shield (Plastic)	700-03313	RILONG TECHNOLOGY (SHENZHEN) CO LTD	700-03313	SHIELD,X-BAND PLANAR,CARBON FILLED PLASTIC	700-05235	RILONG TECHNOLOGY (SHENZHEN) CO LTD	100-07157	SHIELD,X-BAND PLANAR,CARBON FILLED PLASTIC	Small modification

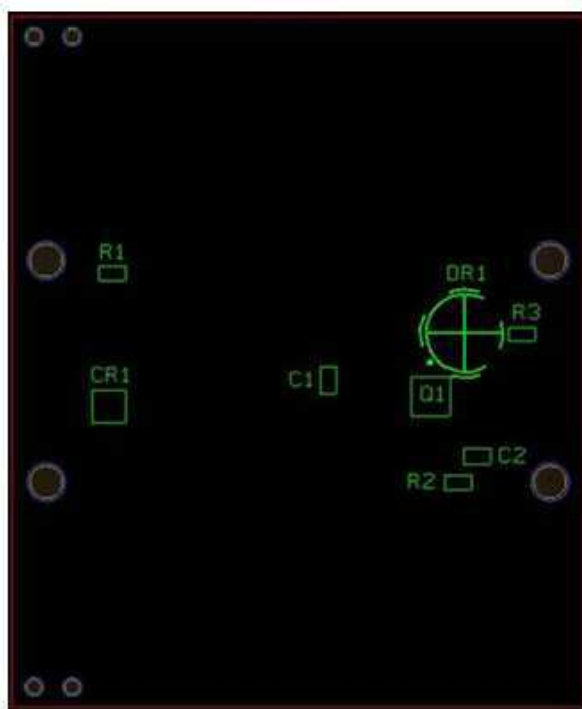
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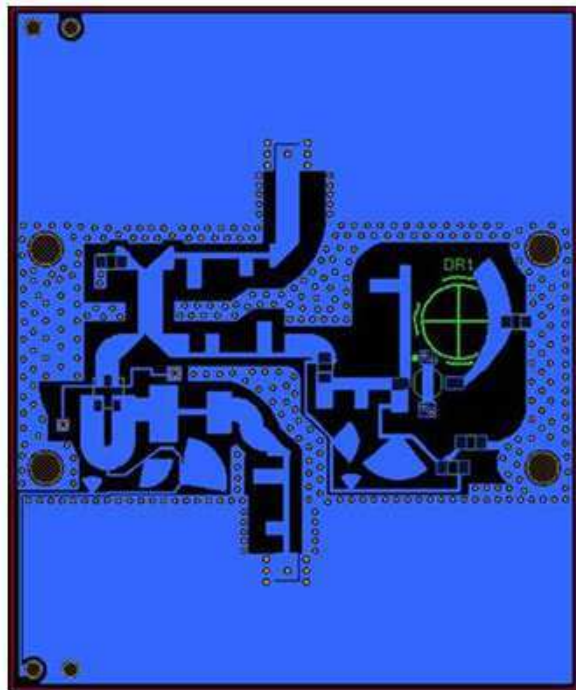
- PCB layout change in back layer block in RED
Difference of PCB layout



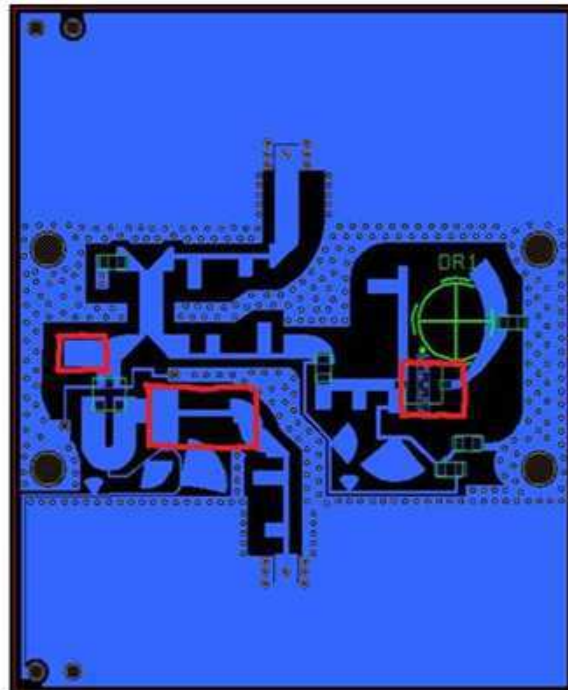
200-01027



200-01867



200-01027

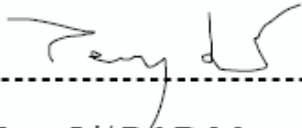


200-01867

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Sincerely,

A handwritten signature in black ink, appearing to read 'Tony Li', is positioned above a horizontal dashed line.

Tony Li/ R&D Manager

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