

Smart Machine

Smart Decision



SIM908_SIM5320 _HD_Comparison_V1.00

July 07, 2011



SIM908 VS SIM5320

- SIM908 VS SIM5320 ON Operation Frequency (difference)

SIM908	
GSM	GSM 850MHz
	EGSM 900MHz
	DCS 1800MHz
	PCS 1900MHz



- **SIM908 VS SIM5320 ON Operation Frequency (difference)**

SIM5320	
GSM	GSM 850MHz
	EGSM 900MHz
	DCS 1800MHz
	PCS 1900MHz
WCDMA	WCDMA 850MHz
	WCDMA 900MHz
	WCDMA 1900MHz
	WCDMA 2100MHz
HSPA	HSDPA



- SIM908 VS SIM5320 ON PIN Definition (difference)**

PIN NO.	SIM5320	SIM908
4	RESET	NC
11	USB_VBUS	NC
12	USB_DM	NC
13	USB_DP	NC
15	RESERVED	GPS/DBG-TXD
16	RESERVED	GPS/DBG-RXD
27	KEYSENSE_N1	MIC2P
28	KEYSENSE_NO	MIC2N
29	KEYPAD_0	NC
30	KEYPAD_2	NC
38	VBAT_BB	NC
39	VBAT_BB	NC
45	CURRENT_SINK	NC



- **SIM908 VS SIM5320 ON PIN Definition (difference)**

PIN NO.	SIM5320	SIM908
46	ADC2	NC
48	GPIO44	NC
49	GPIO40	NC
50	GPIO43	NC
51	GPIO1	NC
52	GPIO41	NC
53	GPIO42	NC
54	GPIO4	NC
73	PCM_DOUT	TEMP-BAT
74	PCM_DIN	VCHG
75	PCM_SYNC	GPS-VANT-OUT
76	PCM_CLK	GPS-VANT-IN



- **SIM908 VS SIM5320 ON RF connector (difference)**

	SIM5320	SIM908
RF connector	NOT SUPPORT	SUPPORT



SIM908 VS SIM5320 Difference

Difference	SIM5320	SIM908
POWER SUPPLY:	3.3~4.2V	3.2~4.8V
POWER ON TIME	$64\text{mS} < T_{\text{on}} < 180\text{mS}$	$1\text{S} < T_{\text{on}}$
POWER OFF TIME	$0.5\text{S} < T_{\text{off}} < 5\text{S}$	$1\text{S} < T_{\text{off}} < 5\text{S}$
VOLTAGE AT DIGIT PINS* (absolute maximum rating)	Vmin=-0.3V Vmax=2.9V	Vmin=-0.3V Vmax=3.1V
AUTOBAUDING	NOT SUPPORT	SUPPORT
USB INTERFACE	SUPPORT	NOT SUPPORT
GPS NMEA OUTPUT PORT	USB	GPS/DBG PORT

***Note: Due to the different platforms.**



SIM908 VS SIM5320

- The SIM908 is compatible with the SIM5320.

About the detail difference in hardware design, please refer to "SIM908_Hardware Design" and "SIM5320_Hardware Design".

About the detail difference in software design, please refer to "SIM908C_ATC_V1.01" and "SIM5320_AT_Command_Manual".