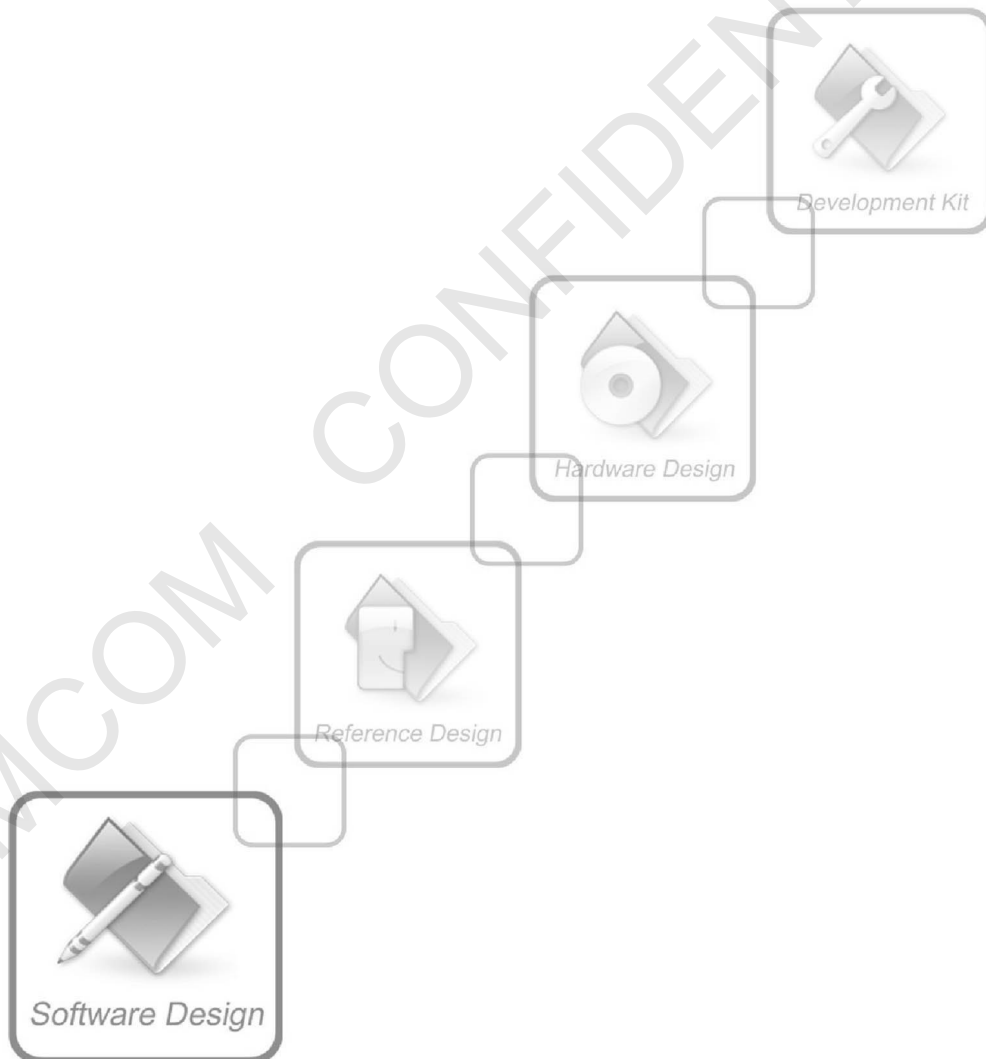


SIM5300EA_TTS_Application Note



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SCOPE

This document describes how to use the internal TTS function of SIM5300EA through AT commands.

Examples are also given for reference.

This document can be used for SIM5300 serial modules, like SIM5300EA.

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1. PLAY SYNTHETIC SPEECH LOCALLY

The examples as follows.

AT+DTAM=0	<i>//Set synthetic speech played locally.</i>
OK	
AT+CTTS=1,"005700410052004E0049004E00470021002000460049005200450021"	<i>//Text in UCS2 coding format, context of the text is "WARNING! FIRE!".</i>
OK	<i>//Speech synthesized successfully, played locally.</i>
+CTTS:0	<i>//Speech played over. Note: User needs to wait this response to play next speech!</i>
AT+CTTS=2,"WARNING! FIRE!"	<i>//Text in ASIIIC coding format.</i>
OK	
+CTTS:0	
AT+CTTS=3,"ATTENZIONE! FUOCO!"	<i>//Text in Italian</i>
OK	
+CTTS:0	

2. PLAY SYNTHETIC SPEECH REMOTELY

AT+DTAM=1	<i>//Set synthetic speech played remotely.</i>
OK	
ATD32523433;	<i>//Setup a voice call.</i>
OK	
AT+CTTS=2,"WARNING! FIRE!"	<i>//Text in ASIIIC coding format.</i>
OK	<i>//Speech synthesized successfully, played remotely.</i>
+CTTS:0	<i>//Speech played over.</i>
	Note: User needs to wait this response to play next speech!
AT+CTTS=3,"ATTENZIONE! FUOCO!"	<i>//Text in Italian</i>

OK

+CTTS:0

AT+CTTS=3,"ATTENZIONE! FUOCO!" //Text in *Italian*

OK

+CTTS:0

3. STOP PLAYING SYNTHETIC SPEECH

AT+CTTS=0 //Stop playing synthetic speech

OK

4. PLAY ITALIAN TTS REMOTELY

AT+CTTSPAUSE? //Query the punctuation pause time currently

+CTTSPAUSE: 0,(",",150),(".",400)

OK

AT+CTTSPAUSE=1,"",1000 //Set the punctuation comma pause time

OK

AT+CTTSPAUSE=1,".",2000 //Set the punctuation period pause time

OK

ATD13611679892;

OK

AT+CTTS=3,"Lasiai pensare,Ma questo per lui e per i colleghi è solo un dettaglio"

OK

+CTTS:0

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