

aFRC616M4F-E2.1 is 2 chip solution (aFRC616 controller + 4M flash) recording module.
Support maximum 8 messages recorded by microphone in or line in.

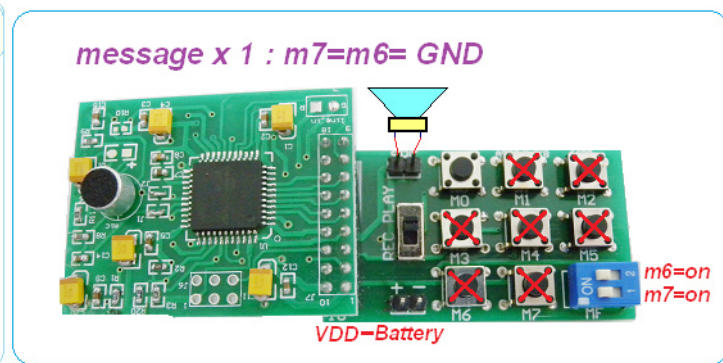
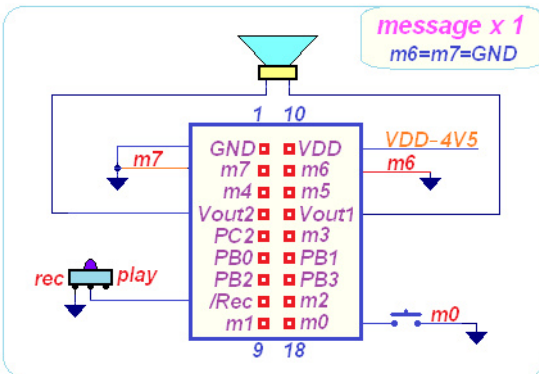
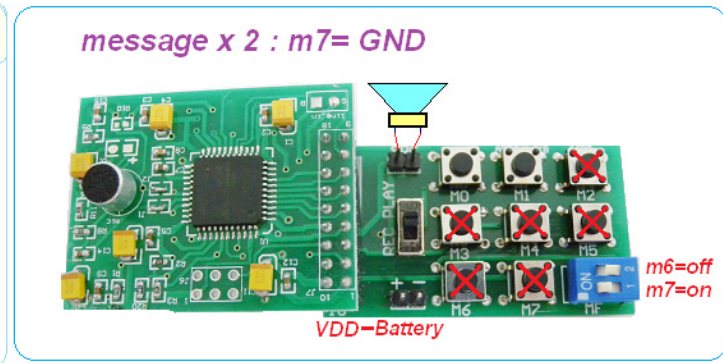
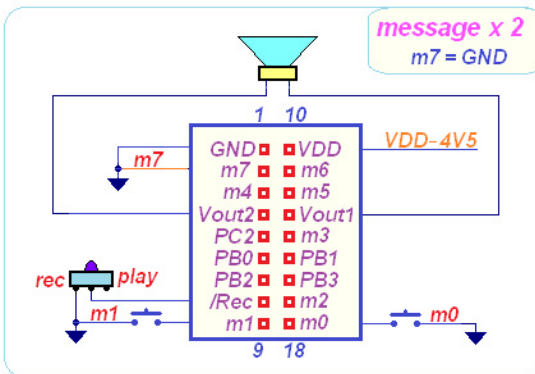
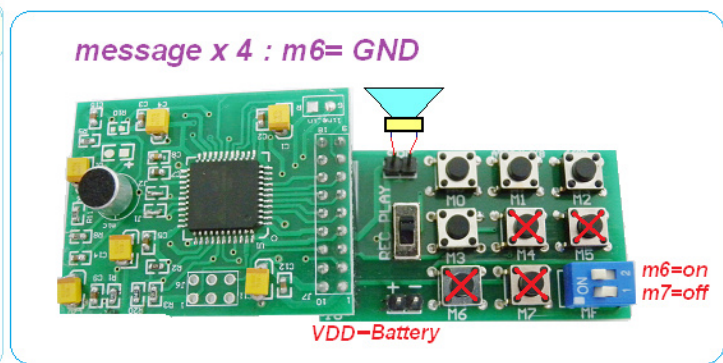
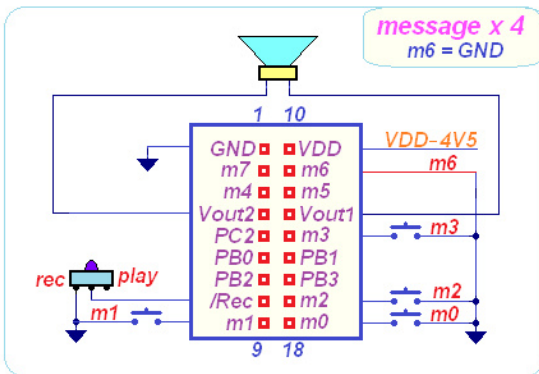
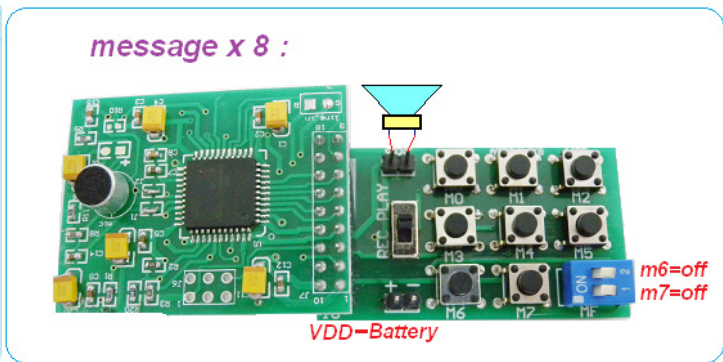
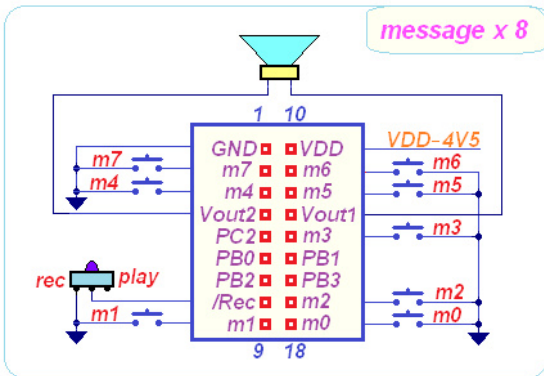
aFRC616M4F-E2.1 Recording Voice Module				
	1-fixed message	2-fixed message	4-fixed message	8-fixed message
Duration (sec./message)	42"	21"	10.6"	5.3"
Key mode	m0	m0,m1	m0,m1,m2,m3	m0,m1,m2,m3 m4,m5,m6,m7
Coding	8 bit , 12K sample rate			
Code no.	aFRC616M4 _ E2.1			
Operating Voltage	3.0V ~ 6.5V			

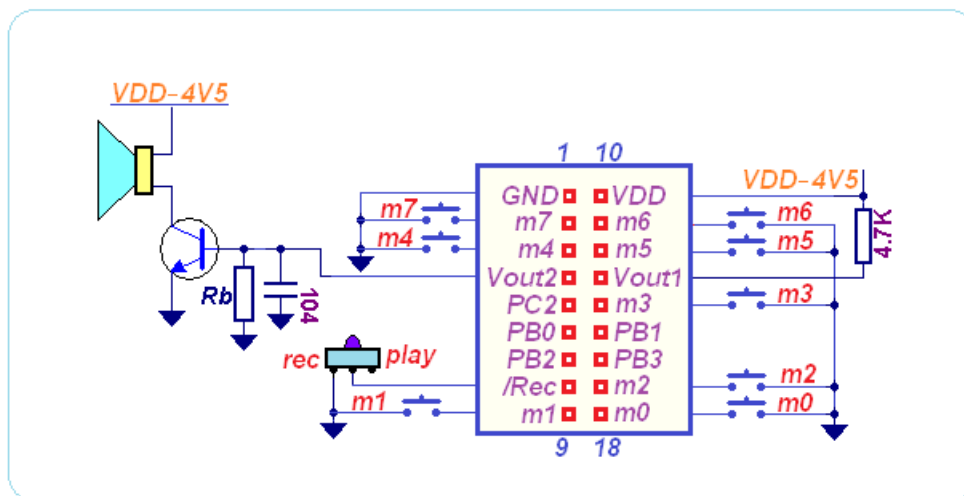
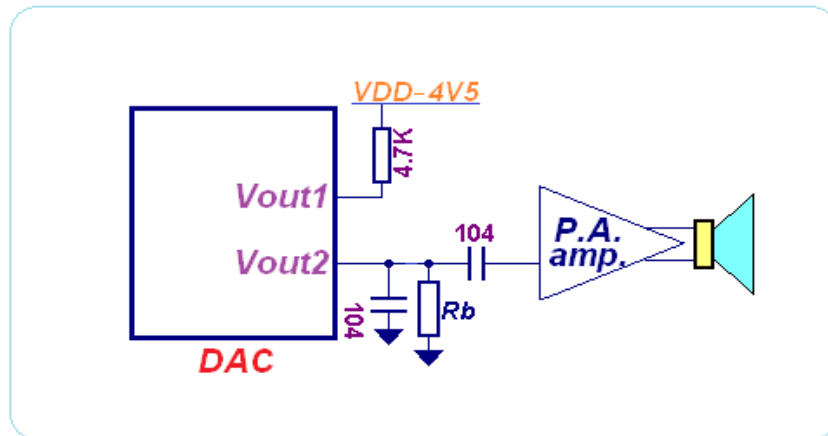
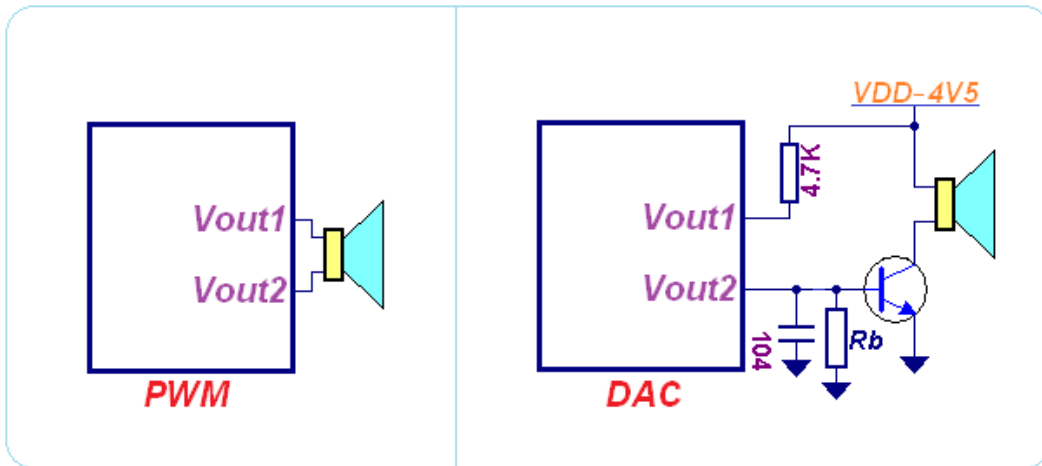
- **RECORDING VOICE MESSAGE :**

- SLIDE SW. to [REC]
- Start Record : [**Press and hold**] tact sw. (m0~m7) hear [BEEP] sound with LED on to start Recording message through Microphone
- Stop Record : [**Release**] tact sw., hear [BEEP BEEP] sound with LED off to complete REC.

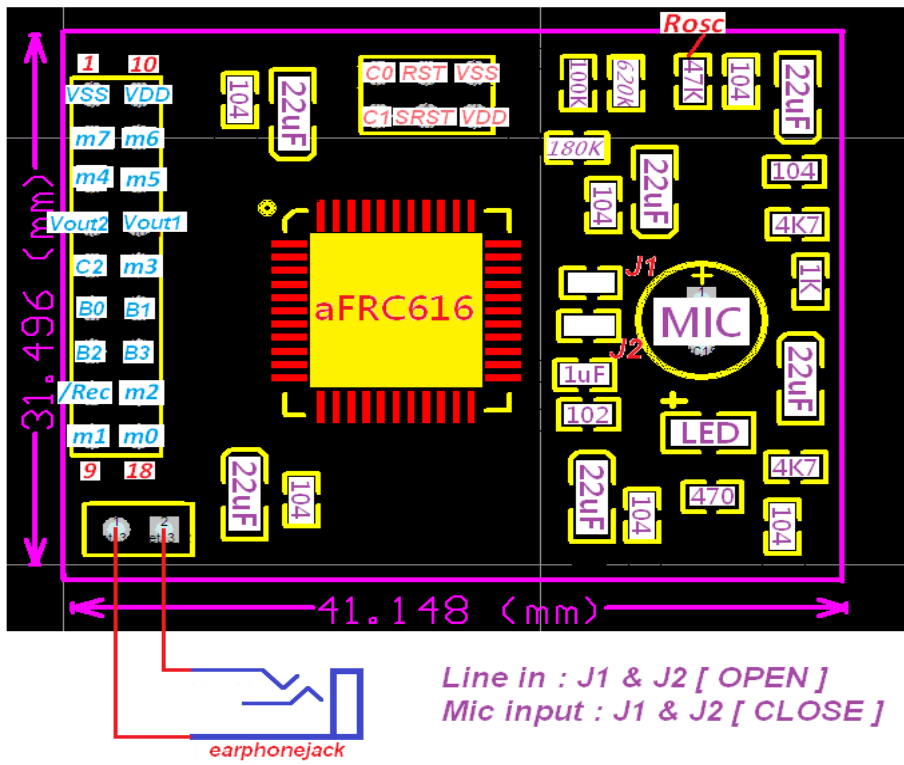
- **PLAY VOICE MESSAGE :**

- SLIDE SW. to [PLAY]
- Start play : [**Press and leave**] tact sw. (m0~m7) to playing voice with LED on.
- Stop play : After play finished, LED will off.

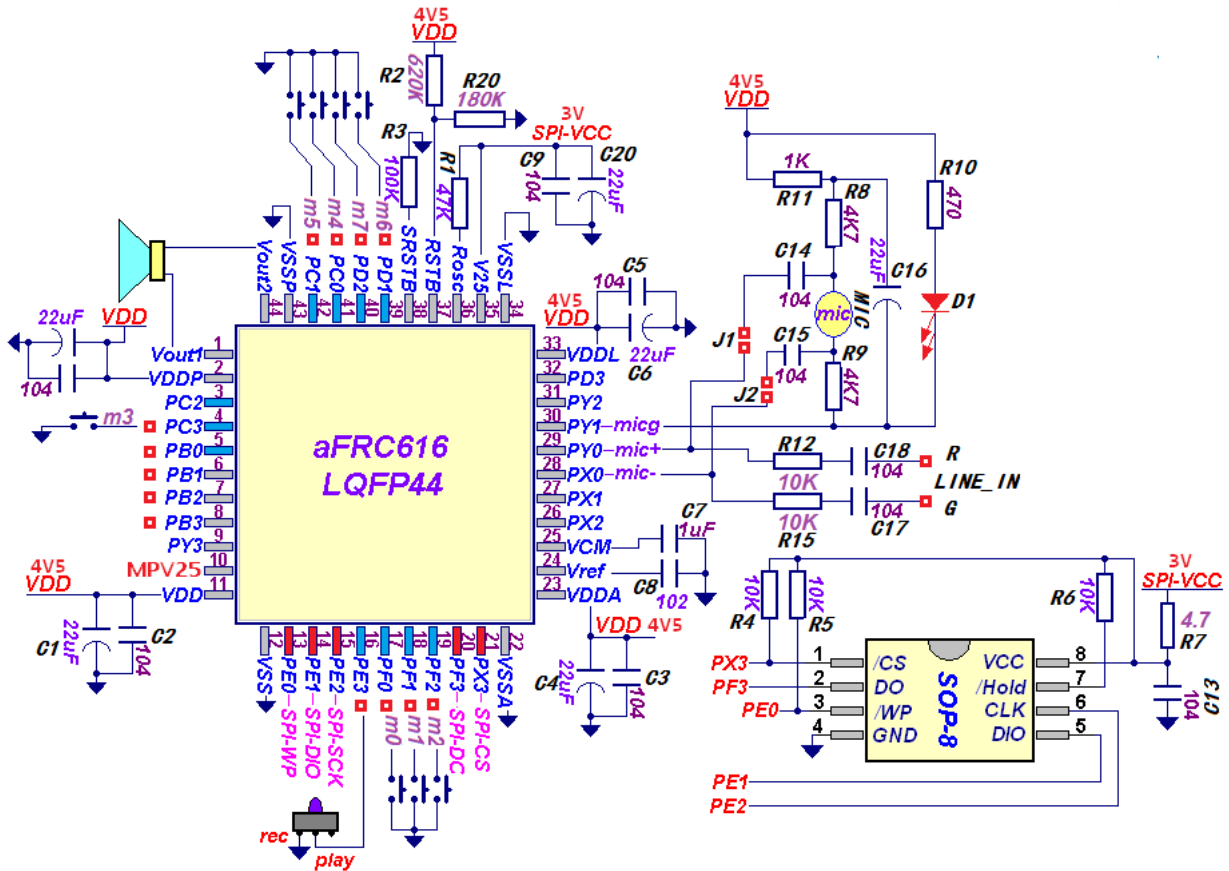




● LINE IN & Adjust Rosc :



APPLICATION CIRCUIT :



Oscillator Resistance Table

Resistance	Sampling Frequency	1-fixed message	2-fixed message	4-fixed message	8-fixed message
189K	6K	85 sec	42 sec	21 sec	10.6 sec
147K	7K	73 sec	36 sec	18 sec	9 sec
115K	8K	64 sec	32 sec	16 sec	8 sec
95K	9K	56 sec	28 sec	14 sec	7. sec
76K	10K	51 sec	25 sec	12 sec	6 sec
60K	11K	46sec	23 sec	11 sec	5.8 sec
47K	12K	42 sec	21 sec	10.6 sec	5.3 sec

The Rosc default 47K ohm