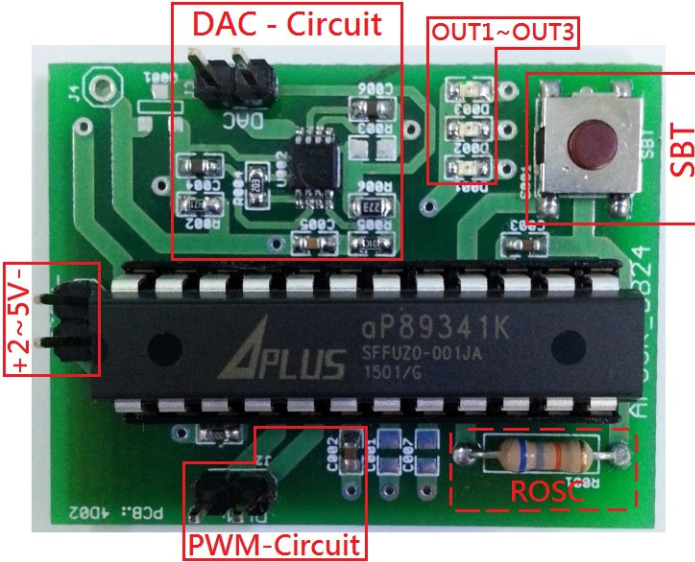


For aP89682K (682”) /aP89341K (341”) / aP89170K (170”) / aP89085K (85”)

	Durations	PHRASE							VCC
		Key mode	CPU parallel	MP3 mode	SPI mode	I2C mode	aP89 mode1	aP89 mode2	
aP89682K	682”	1024	256	1024	1024	1024	256	256	2 ~ 5V
aP89341K	341”	1024	256	1024	1024	1024	256	256	2 ~ 5V
aP89170K	170”	1024	256	1024	1024	1024	256	256	2 ~ 5V
aP89085K	85”	1024	256	1024	1024	1024	256	256	2 ~ 5V



1. Part no. : **AP89K_DB24**
2. PCB SIZE : 41 x 31 mm
3. PCB NO. : 4D02
4. VDD = 2 ~ 5V
5. **PWM & DAC**
6. SBT PIN : For Key mode one key sequential trigger 1~1024(max.) groups

** Two options for ROSC :

1. Compiling Internal Resistor (ROSC-INT) : Do not need any resistors.
2. Compiling External Resistor (ROSC-EXT) : Using fixed 68KOhm resistor.

** For PWM output, Only required one 104 capacitor on the board for playback.

** There are several different function for OUT1-OUT3. Please refer to our aP89K spec. for details :