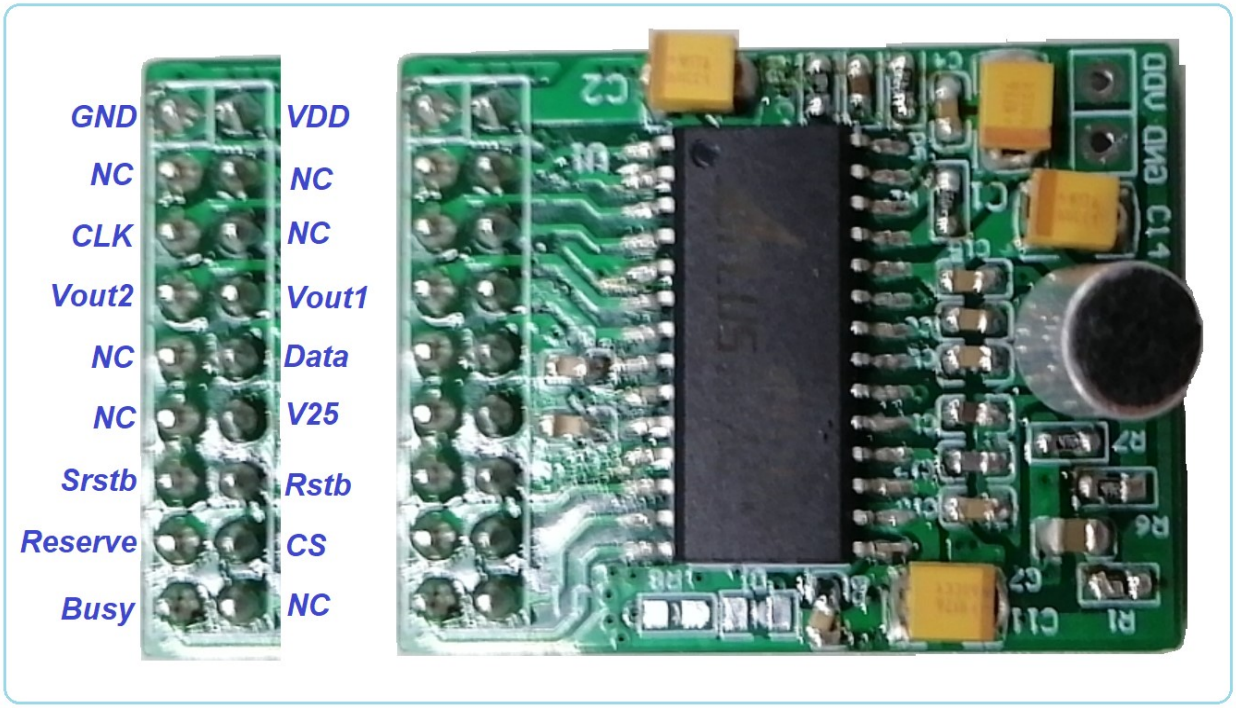
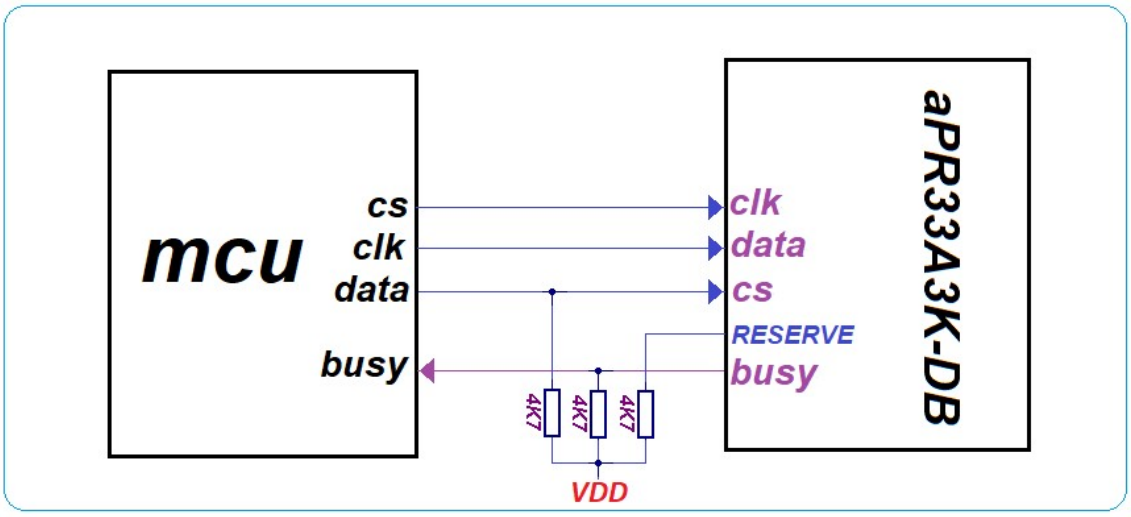
aPR33A3KDBS-C1.1 (CPU Serial Mode)
Demo Board User Guide

Part no.	aPR33A3KDBS-C1.1(680 sec)
Function	CPU series interface, max 1024 sections.
Application	Support Mic & PWM Voice Output.



** VCC : 3V - 6.5V

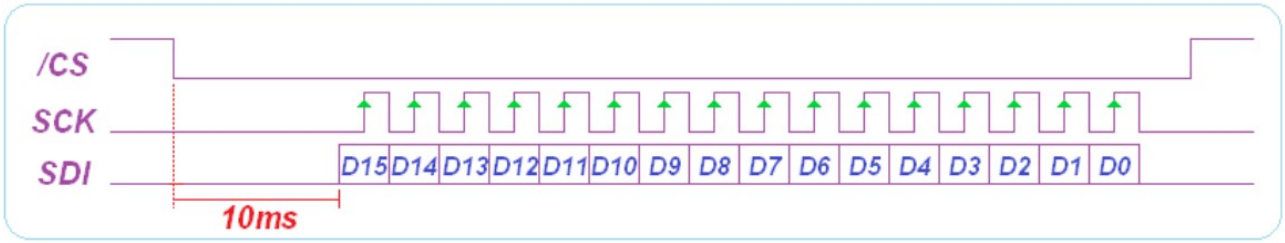


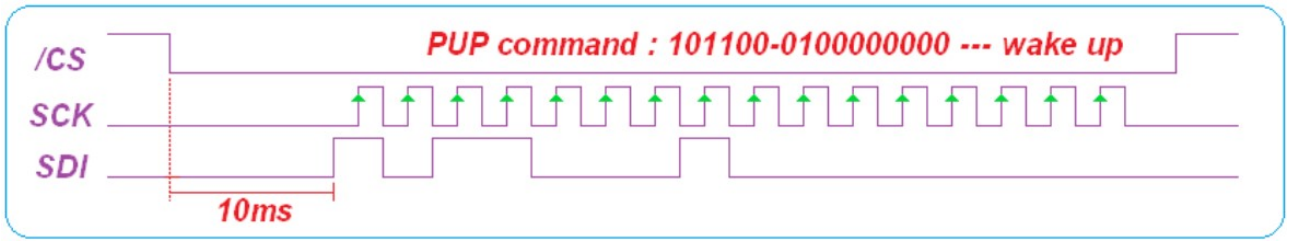
	D15	D14	D13	D12	D11	D10	D9	D8	D7	D6	D5	D4	D3	D2	D1	D0
Stop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delete	0	0	0	1	0	0	D9~D0 --- Voice no. in binary									
Rec	0	0	1	0	0	0	D9~D0 --- Voice no. in binary									
Play	0	0	1	1	0	0	D9~D0 --- Voice no. in binary									
Pup	1	0	1	1	0	0										
Pdn	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0
Format	1	0	1	0	0	1	0	1	1	0	1	0	0	1	0	1

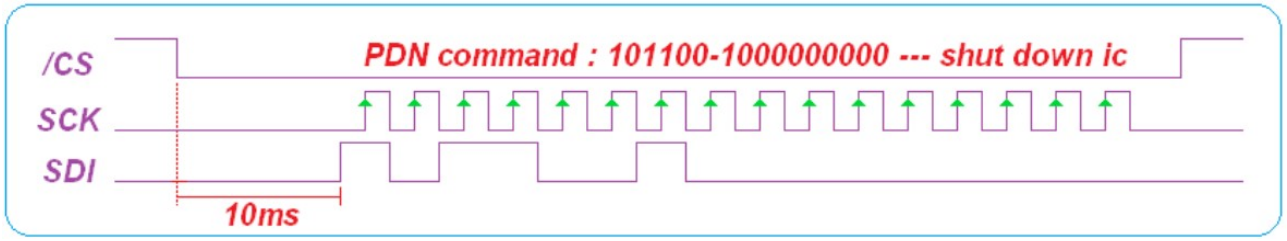
- ***FORMAT***

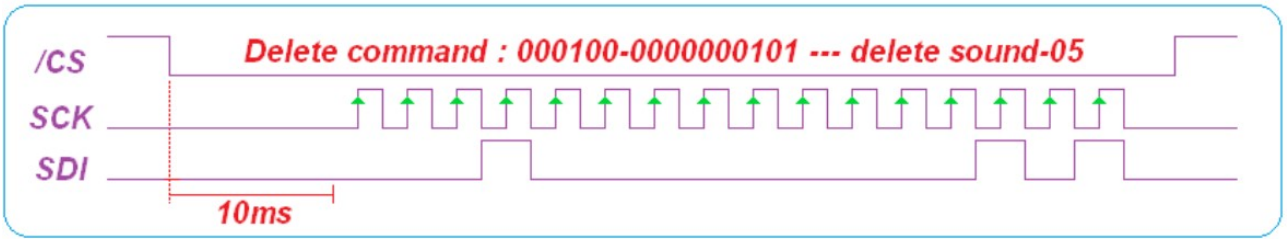
The FORMAT command is used to clear and re-configure data memory.
The FORMAT command is 1010010110100101 in binary, from bit-15 to bit-0.
After the FORMAT command is sent, the /BUSY pin will be pulled to low to indicate the format operation has started. When the format operation is finished,the /BUSY pin will be released back to high.
All of the voice in the memory will be deleted after executing format operation.

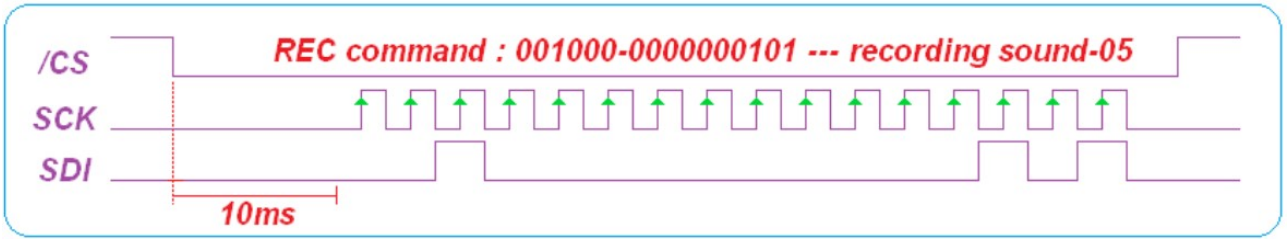
NOTICE: Users must execute the Format command in the first time using.

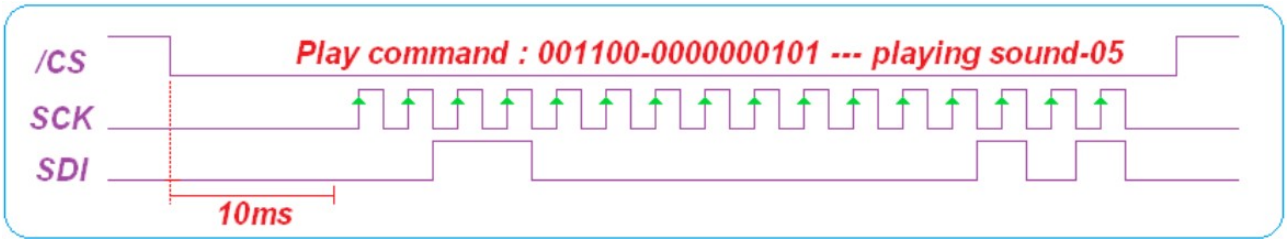

/CS
SCK
SDI
D15 D14 D13 D12 D11 D10 D9 D8 D7 D6 D5 D4 D3 D2 D1 D0
10ms

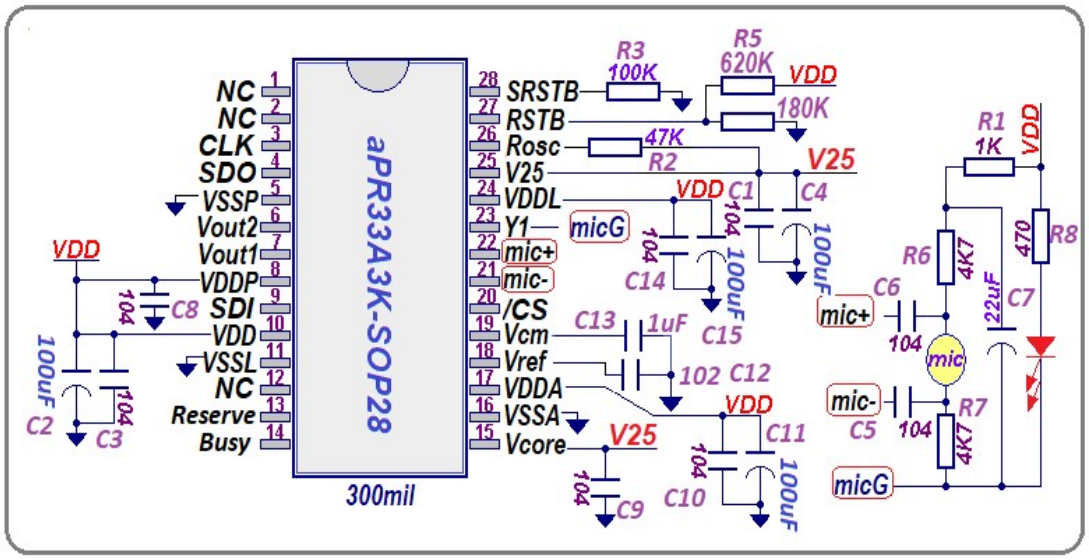

PUP command : 101100-0100000000 --- wake up
/CS
SCK
SDI
10ms


PDN command : 101100-1000000000 --- shut down ic
/CS
SCK
SDI
10ms


Delete command : 000100-0000000101 --- delete sound-05
/CS
SCK
SDI
10ms


REC command : 001000-0000000101 --- recording sound-05
/CS
SCK
SDI
10ms


Play command : 001100-0000000101 --- playing sound-05
/CS
SCK
SDI
10ms



If need more details, please visit our website :

http://www.aplusinc.com.tw for its datasheet.