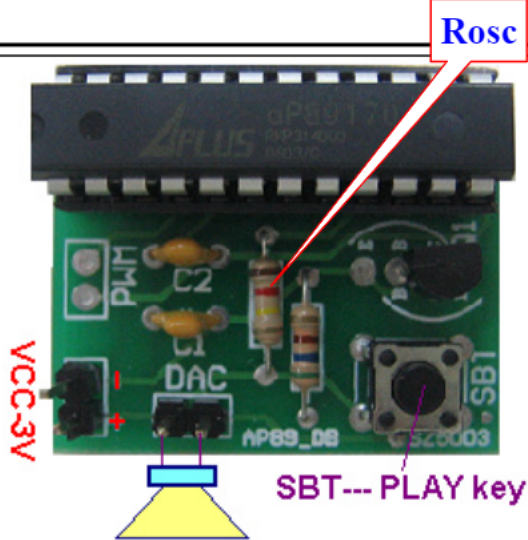


DB24D --- VOICE OTP DEMO BOARD USER MANUAL

For aP89341 (341") / aP89170 (170") / aP89085 (85")

	Durations	PHRASE			TG Pin	PDIP	SOP	DIE	VCC
		Key mode	CPU parallel	CPU serial					
aP89341	341"	32	254	254	8	24	28	YES	2.2 ~ 3.6V
aP89170	170"	32	254	254	8	24	28	YES	2.2 ~ 3.6V
aP89085	85"	32	254	254	8	24	28	YES	2.2 ~ 3.6V



1. Part no. : **AP89XS_DB24D**
2. PCB SIZE : 33 x 28 mm
3. PCB NO. : SZ5003
4. VCC = **3V**
5. Only **DAC**
6. SBT PIN : One key sequential trigger 1 ~ 254(max.)sections

For aP89341 / aP89170 / aP89085

Sampling rate	Rosc	Sampling rate	Rosc	Sampling rate	Rosc
4.9 K Hz	300K	7.46 K Hz	220K	11 K Hz	140K
5.26 K Hz	290K	7.70 K Hz	210K	11.76 K Hz	130K
5.88 K Hz	280K	8.06 K Hz	200K	12.5 K Hz	120K
6.09 K Hz	270K	8.47 K Hz	190K	13.33 K Hz	110K
6.33 K Hz	260K	8.93 K Hz	180K	14.51 K Hz	100K
6.67 K Hz	250K	9.26 K Hz	170K	15.63 K Hz	91K
6.85 K Hz	240K	9.80 K Hz	160K	16.95 K Hz	82K
7.14 K Hz	230K	10.42 K Hz	150K	18.18 K Hz	75K

** The Table is only for reference.

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