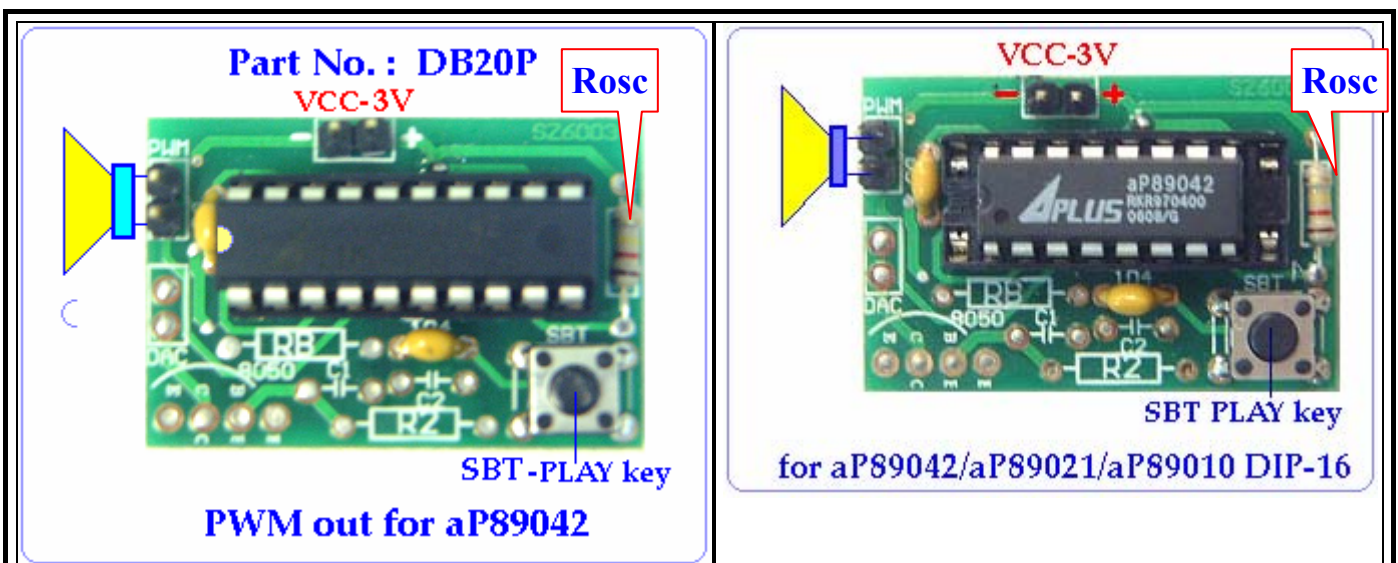


DB20P --- VOICE OTP DEMO BOARD USER MANUAL

For aP89042 (42") / aP89021 (21") / aP89010 (10")

	Durations	PHRASE		TG - pin	PDIP	SOP	DIE	VCC
		Key mode	CPU mode					
aP89042	42"	32	32	8	20	20	YES	2.2 ~ 3.6V
aP89021	21"	12	12	4	16	16	YES	2.2 ~ 3.6V
aP89010	10"	12	12	4	16	16	YES	2.2 ~ 3.6V



- | | |
|-----------------------------------|-----------------|
| 1. Part no. : AP89XS-DB20P | 4. VCC = 3V |
| 2. PCB SIZE : 36 x 24 mm | 5. Only PWM |
| 3. PCB NO. : SZ6003 | 6. SBT PIN PLAY |

Sampling rate	Rosco	Sampling rate	Rosco	Sampling rate	Rosco
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

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