



Features

- Single power supply can operate at 2.4V through 5.5V.
Current output can drive 8 ohm speaker with a transistor.
The voice content is stored up to 3 seconds (5100h) and can be separated to 32 sections.
Duration of each section can be different and is multiples of 100 h.
Duration of sections with appended memory-less mute is up to 21.8 seconds (20000h).
3 straight trigger pins are provided TGA, TGB, TGC. Each cross can access a sentence.
4 x 4 matrix trigger crosses are provided by RW1-4, K1-4. Each cross can access a sentence.
Each sentence is composed of one or more sections.
Lower key priority is provided for straight inputs and matrix cross inputs.
Last key priority is provided for straight inputs.
First key priority is provided for 4x4 crosses.
Up to 512 table entries for all 32 sentences.
Auto ramp up / ramp down & sleep functions are built in.
INT(interrupt) function is provided.
OKY function is provided optionally chipwise.
Play all OKY is provided optionally chipwise.
Random Play OKY is provided optionally chipwise.
Playnext OKY is provided optionally chipwise.
Continuous S.W.A.I. OKY is provided optionally chipwise.
Home S.W.A.I. OKY is provided optionally chipwise.
5 output pins are provided.
20 ms debounce is provided.
Sink LED is provided.
Off LED when Playing audio is provided optionally entrywise.
3 Hz Ring LED when playing audio is provided optionally entrywise.
Dynamic flash LED when playing audio is provided optionally entrywise.
3 Hz fix flash LED when playing audio is provided optionally entrywise.
On LED when playing audio is provided optionally entrywise.
High busy when playing audio is provided optionally entrywise.
Low busy when playing audio is provided optionally entrywise.
DC high (when playing audio and lasts to next trigger) is provided optionally entrywise.
DC low(when playing audio and lasts to next trigger) is provided optionally entrywise.
Low Stop after playing audio is provided optionally entrywise.
High Stop after playing audio is provided optionally entrywise.
OKY's sentences could be different from those from TGS'.
8 loudness levels are provided entrywise.
8 different pitches are provided entrywise.
Edge trigger is provided optionally triggerwise.
Level trigger is provided optionally triggerwise.
Holdable output by TG is provided optionally triggerwise.
Retriggerrable TG by itself is provided optionally triggerwise.
Retriggerrable TG by others is provided optionally triggerwise.
High trigger is provided optionally triggerwise.
Low trigger is provided optionally triggerwise.



See 39-page data sheet PID 247*** 09/96 for details which belongs to MSS1207.

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