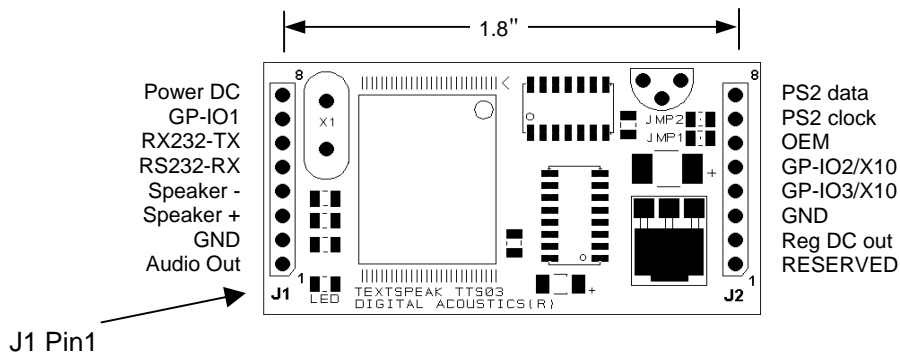
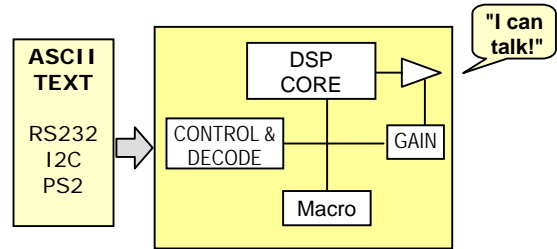


## Text to Speech module support ASCII text input and flexible input/output configurations

**TextSpeak™ text to speech module speaks directly with ASCII RS-232 input**

TextSpeak Text-To-Speech processor converts ASCII text to a clear and easy to understand voice with unlimited vocabulary. It is the first board level solution on the market that accepts both RS232 and PS/2 input directly providing speech by using standard AT keyboard or via RS232 serial port.

- Unlimited vocabulary
- Dual language, American English/Spanish
- Flexible input/output options for fast design-in
- Integrated command language
- Onboard speaker amplifier
- Small footprint, 1" x 2", with standard .1" header pins



PIN	Signal	Description
J1-1	Audio Out	Speech output nominal 1v p-p into 10K (software adjust in 4 dB steps)
J1-2	GND	System ground
J1-3	Speaker +	+ Speaker output 500 mw max with 5vdc
J1-4	Speaker -	- Speaker output 500 mw max with 5vdc
J1-5	RS232-TX	Serial status output text 9600 kbs default
J1-6	RS232-RX	Serial ASCII text input 9600 kbs default (64 character buffer)
J1-7	GP-IO1	General Purpose I/O (selectable output, OEM specified)
J1-8	Power DC	6- 9VDC with JMP2 installed (default), 5 vdc with JMP1 substituted
J2-1	Reserved	Test pin, do not connect, optional reset
J2-2	Reg DC Out	3.3 vdc output from on-board regulator (50 ma max)
J2-3	GND	System ground
J2-4	GP-IO2	General Purpose I/O (default condition is logic LOW when speech is being generated)
J2-5	GP-IO3	General Purpose I/O (default condition is logic HIGH on system active, power-up)
J2-6	GP-IO3	OEM reserved
J2-7	PS2 data	PS2 'AT' keyboard signal for direct keyboard speech
J2-8	PS2 clock	PS2 'AT' keyboard signal for direct keyboard speech