Feature Phone

Codec		DSP568XX		Audio Grade FLASH

Codec ← SSI

DSP568XX EBI → **Audio Grade FLASH**

Phone Line Interface and Controller ← PLL / SPI

- 2.4 kbps Vocoder
- **Fast message scan**
- **Silence detect/Voice trim**
- **Automatic Gain Control**
- **DTMF Detect**
- **DTMF Generate**
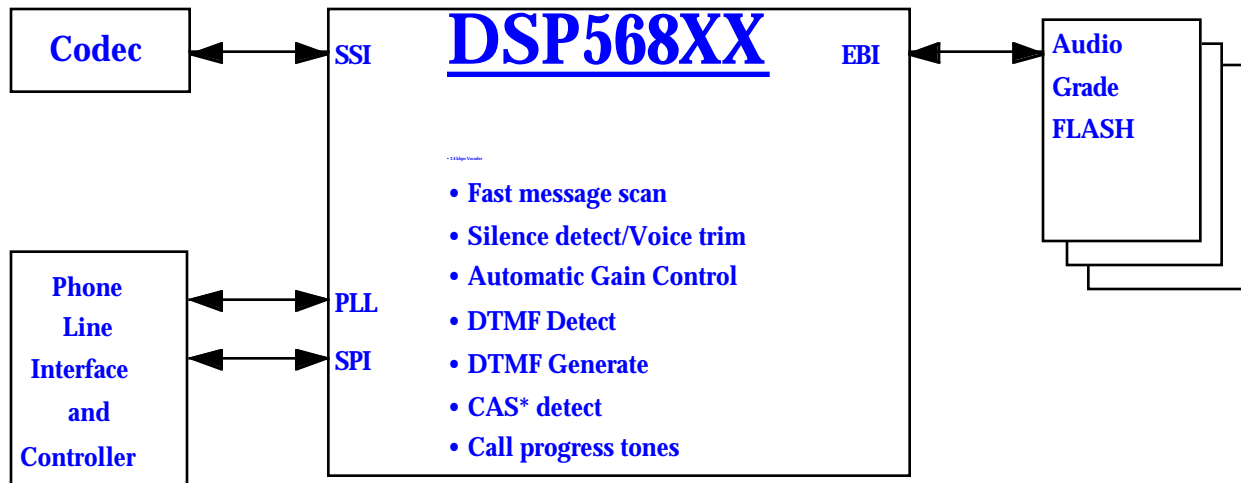- **CAS* detect**
- **Call progress tones**

* Customer Premise Equipment-Alerting Signal

Motorola DSP Solution

DEVICE	TYPE	VOLTAGE	MIPS (max)	mA/MIPS (min)	PACKAGE	PINS	TECH.
DSP56L811	16-bit fx.pt	3.3V/2.7V	20	1@2.7V	TQFP	100	0.65 micron

MEMORY (words)				PERIPHERALS			
Program	Data	Program	Data	SER.	TIMER	HOST	DEBUG
1K	2K	-	-	3	3	-	OnCE/JTAG

INTRO. DATE	PRICE (10000 units)	APPLICATION AREAS
Q196	$10.48	mobile, wireline, wireless, comm.

Development tools

DSP56800 CLAS Tools
DSP56811 Evaluation Module
Tartan DSP56800 C/C++ Compiler