



Features

- Supports AMD Geode based systems
- Four selectable 66MHz or 33MHz PCI clock outputs
- Three 33MHz clock outputs for LPC interface
- One fixed 66MHz clock output
- Two 14.318MHz reference clock outputs
- Two 48MHz clock outputs for USB host controller and I/O controller
- Spread Spectrum support for PCI, LPC and 66MHz clock outputs
- 3.3 Volt power supply
- 28 pin SSOP package

Output Summary

- 4 - selectable 66MHz or 33MHz PCI clock outputs
- 3 - 33MHz LPC clock outputs
- 1 - 66MHz clock output
- 2 - 48Mhz clock outputs
- 2 - 14.318MHz clock outputs

Table 1. PCI Clock Frequency Selection Table

SEL_66_33# input	PCI Clock Frequency
0	33.3MHz
1	66.6MHz

Table 2. EMI Control Input

Spread# input	Spread Spectrum Support
0	Enabled (-1.0%)
1	Disabled

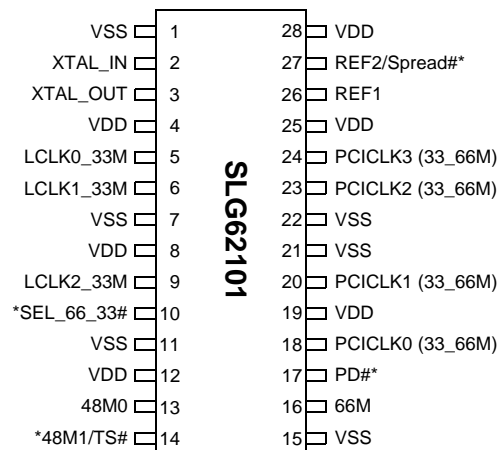
Table 3. Power Down Functional Description

PD# input	All clock outputs
0	All clocks are stopped low
1	All clocks are running

Table 4. Power up Default Conditions

Pin #	Pin Description	Default Condition	Function
14	TS#	High	All outputs enabled and running
27	Spread#	High	Spread Disabled
17	PD#	High	Refer to Power Down Functional Description Table
10	SEL_66_33#	High	PCI clocks are set to 66MHz

Pin Configuration



28-pin SSOP

Note: Signals with "*" have internal pull-up resistors

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