

Max Magnitude Example

Since we will be creating VHDL code from blocks that we will add to the signal path, we can only use blocks that can be converted to VHDL. We can filter the Simulink Library to show only HDL Coder compatible blocks by typing the following command in the Matlab Command Window:

```
>> hdlilib
```

The **Get Signal** and **Play Signal** blocks were created by selecting the associated blocks and then right clicking and selecting "Create Subsystem from Selection" (Ctrl+G) and renaming the blocks and I/O signal names.

