

Holy City Audio Forum

Former Home of SpinCAD Designer

[Skip to content](#)

Search

[Advanced search](#)

[[Moderator Control Panel](#)]

Cool guitar patch

[Post a reply](#)

Search

1 post • Page **1** of **1**

- [Edit post](#) (./posting.php?mode=edit&f=30&p=1264).
- [Delete post](#) (./posting.php?mode=delete&f=30&p=1264).
- [Report this post](#) (./report.php?f=30&p=1264).
- [Information](#) (./mcp.php?i=main&mode=post_details&f=30&p=1264&sid=befaf904784df501ab581b011c284453).
- [Reply with quote](#) (./posting.php?mode=quote&f=30&p=1264).

Cool guitar patch (#p1264)

by **Digital Larry** » Sun May 12, 2013 1:51 pm

I made a state variable filter block that splits the input into low pass, band pass, and high pass.

Low pass goes to a ring modulator on pot 0. This adds a little background "grunge".

Band pass goes to a distortion.

High pass goes to chorus. MN3011 BBD simulator used for echo.

Check out the diagram and the code!

Edit: If you are wondering why some of the blocks have unconnected control inputs (those little circles on the left side of a block), every SpinCADBlock can assign a default value for whatever parameter that input is controlling, in the event that no control is actually connected. I haven't actually gotten to the point yet where you can adjust what the default value is for every SpinCADBlock, but this seems like a logical goal.

[Image](http://imageshack.us/photo/my-images/824/spincadsvf.png/) (<http://imageshack.us/photo/my-images/824/spincadsvf.png/>)

Uploaded with [ImageShack.us](http://imageshack.us) (<http://imageshack.us>)

```
; Program: Render Block exported from SpinCAD Designer
SOF 0.0,0.0
LDAX 20
RDAX 34,-1.0
RDAX 33,-1.0
WRAX 32,0.1
RDAX 33,1.0
```

```
WRAX 33,0.1
RDAX 34,1.0
WRAX 34,0.1
RDAX 17,1.0
SOF 0.41,0.07
WRAX 35,0.0
SKP $80000000,3
WRAX 36,0.0
SOF 0.0,-1.0
WRAX 37,0.0
RDAX 36,0.13
MULX 16
RDAX 37,1.0
WRAX 37,-0.13
MULX 16
RDAX 36,1.0
WRAX 36,1.0
MULX 34
WRAX 38,0.0
RDAX 33,0.25
SOF -2.0,0.0
RDAX 39,0.9
WRAX 39,1.0
SOF -2.0,0.0
RDAX 40,0.3
WRAX 40,1.0
SOF -2.0,0.0
RDAX 41,0.7
WRAX 41,1.0
RDAX 42,-0.3
WRAX 42,0.3
WRAX 43,0.0
SKP $80000000,1
WLDS 1,12,999
CLR
RDAX 35,1.999
SOF 1.9999,0.0
SOF 0.002,0.0
RDAX 47,0.998
WRAX 47,0.0
RDAX 35,0.05
SOF 0.002,0.0
RDAX 45,0.998
WRAX 45,0.0
RDAX 35,1.0
MULX 35
MULX 35
```

```
SOF 0.3,0.01
WRAX 2,0.0
RDAX 35,1.0
SOF -0.5,0.999
WRAX 48,1.0
MULX 48
MULX 48
MULX 48
MULX 45
SOF 0.002,0.0
RDAX 46,0.998
WRAX 46,1.0
WRAX 3,0.0
RDAX 32,1.0
WRA 0,0.0
CHO RDA,1,06,1000
CHO RDA,1,00,1001
MULX 47
RDAX 32,1.0
WRAX 44,1.0
RDAX 44,0.5
SOF 0.002,0.0
RDAX 38,1.0
WRAX 50,0.0
RDAX 44,1.0
RDAX 50,1.0
WRAX 49,0.0
RDAX 43,1.0
WRAX 52,0.0
RDAX 49,1.0
RDAX 52,1.0
WRAX 51,0.0
SKP $80000000,2
CLR
WRAX 53,0.0
RDAX 53,0.9550247081704994
RDAX 43,0.04497529182950055
WRAX 53,0.0
RDAX 53,1.0
RDAX 53,0.45
RDAX 54,0.25
RDFX 55,1.25
WRHX 55,1.0
WRA 2001,0.75
RDA 3171,0.35
RDA 3956,0.35
RDA 5528,0.35
```

RDA 7099,0.051
 RDA 10242,0.051
 RDA 11832,0.051
 WRAX 56,0.0
 RDA 11832,0.25
 WRAX 54,0.0
 RDAX 56,1.0
 WRAX 56,0.0
 RDAX 51,1.0
 WRAX 58,0.0
 RDAX 56,1.0
 MULX 18
 RDAX 58,1.0
 WRAX 57,0.0
 RDAX 57,1.0
 WRAX 22,0.0
 RDAX 57,1.0
 WRAX 23,0.0

[Top](#)

[Post a reply](#)

1 post • Page 1 of 1

[Return to SpinCAD Designer patches](#)

| | | |
|------------------|---|-----------------------------------|
| Jump to: | <input type="text" value="SpinCAD Designer patches"/> | <input type="button" value="Go"/> |
| Quick-mod tools: | <input type="button" value="Lock topic"/> | <input type="button" value="Go"/> |

Who is online

Users browsing this forum: **Digital Larry** and 0 guests

Powered by phpBB® Forum Software © phpBB Group

Administration Control Panel