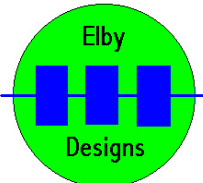
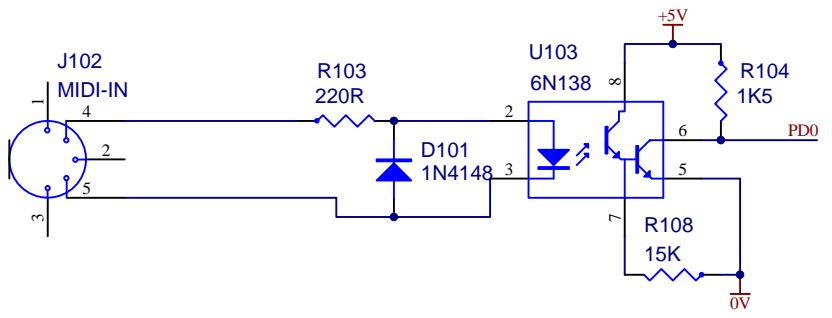


Trigger pulse-width adjustable from ~1mS to ~132mS

ed103-buss.schdoc

ed103-power.schdoc



9 Follan Close
Kariong
NSW 2250
Australia

ED103 - MIDI2SDS

Based on MIDI2SDS by Paul Maddox

Main Circuit

Size A4	FCSM No. 1/12/2007	DWG No. ed103-main.schdoc	Rev 1
Scale	Laurie Biddulph	Sheet 1 of 3	

1

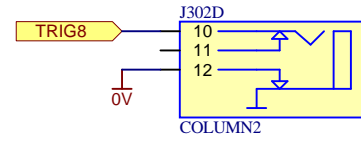
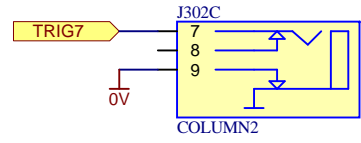
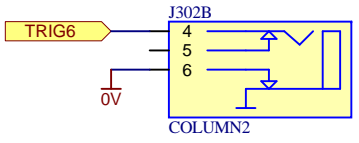
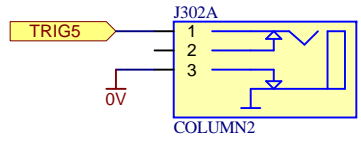
2

3

4

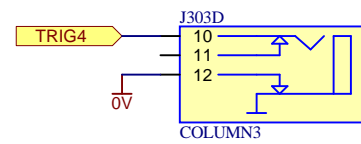
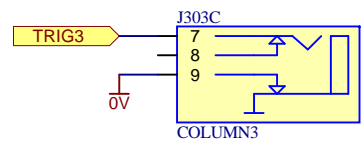
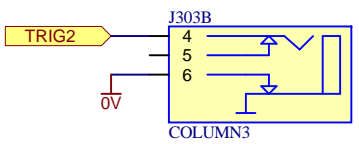
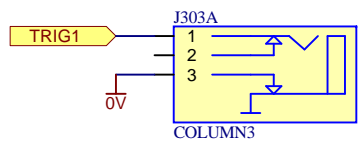
A

A



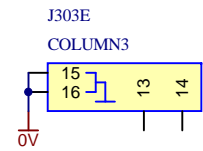
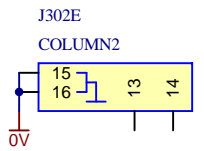
B

B



C

C



D

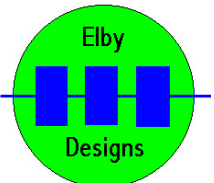
D

1

2

3

4



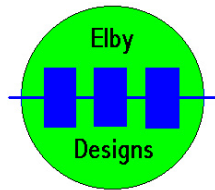
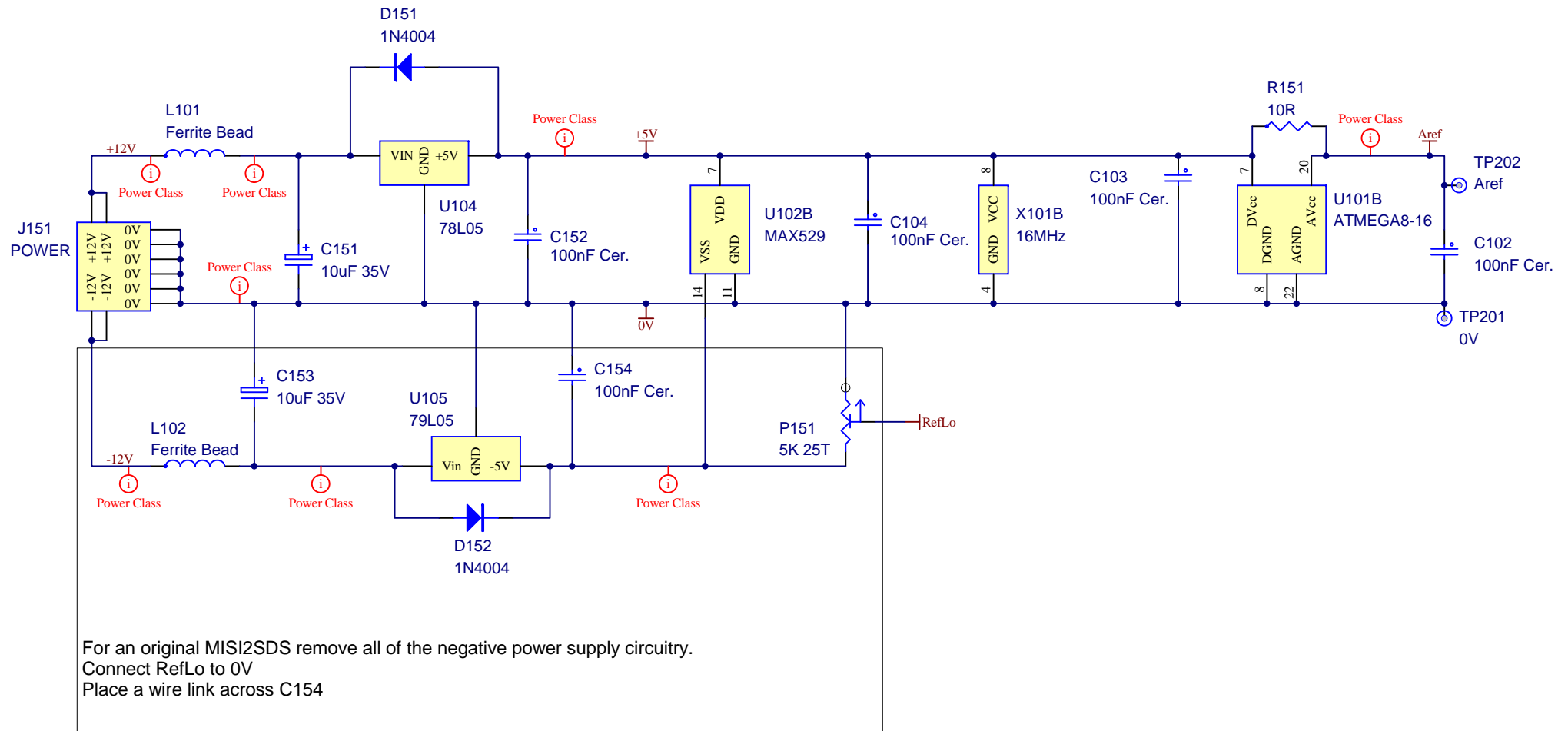
9 Follan Close
Kariang
NSW 2250
Australia

ED103 - MIDI2SDS

Based on MIDI2SDS by Paul Maddox

Buss Connections

Size A4	FCSM No. 1/12/2007	DWG No. ed103-buss.schdoc	Rev 1
Scale		Laurie Biddulph	Sheet 2 of 3



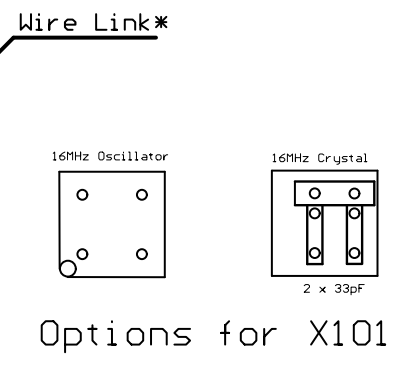
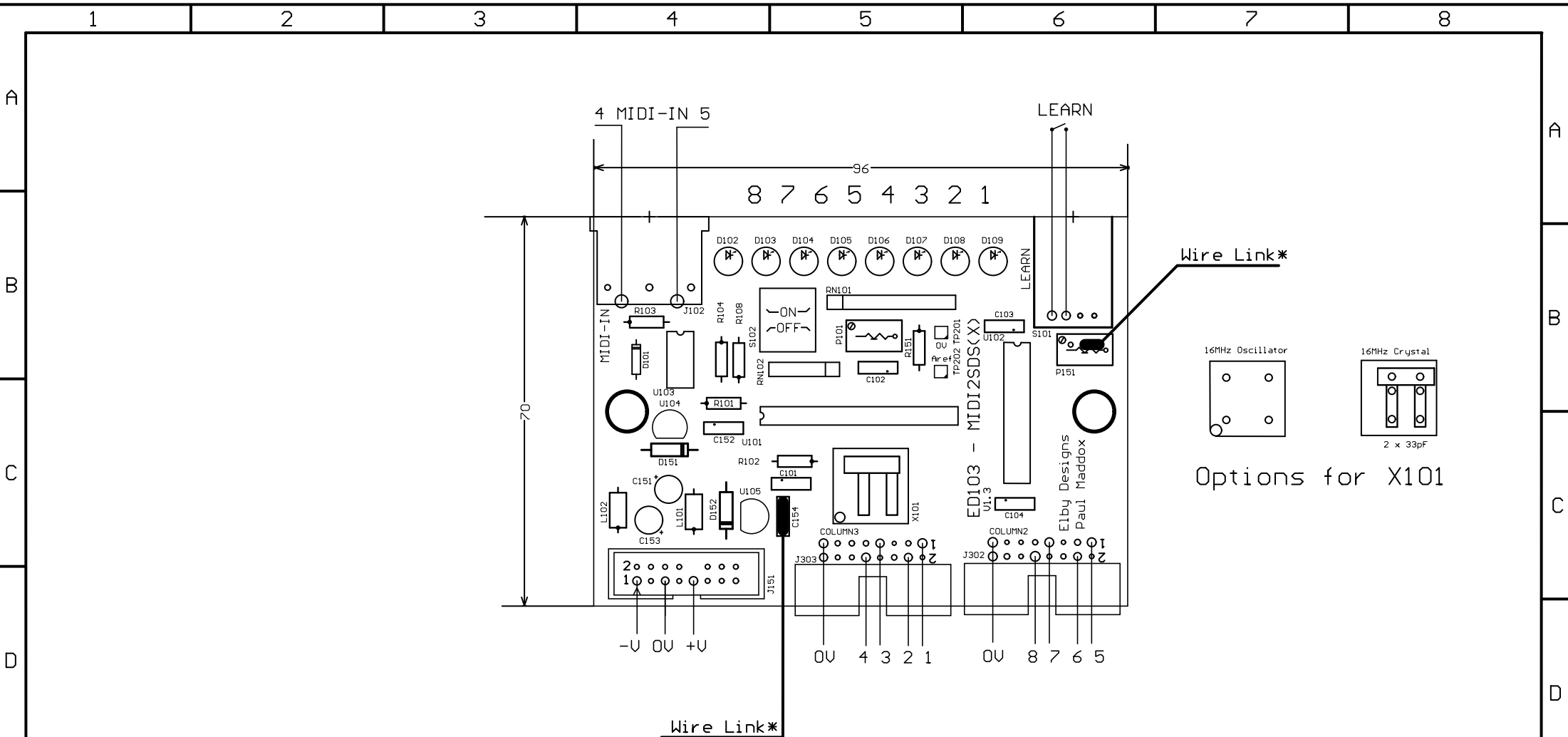
9 Follan Close
 Kariong
 NSW 2250
 Australia

ED103 - MIDI2SDS

Based on MIDI2SDS by Paul Maddox

Power Supply

Size A4	FCSM No. 1/12/2007	DWG No. ed103-power.schdoc	Rev 1
Scale	Laurie Biddulph	Sheet 3 of 3	



Wire Link* - Positions shown for when implementing original MIDI2SDS arrangement

NB: Crystal option requires a modification to the software

RoHS compliant - Immersion Gold over Immersion Silver
 White silk-screen
 FR4, 1.6mm thick
 Green solder-mask to 2 sides
 Finished external copper weight 1oz

Elby Designs Kariong, NSW 2250 Australia www.elby-designs.com	ED103 - MIDI2SDS PCB Details
---	---

All dimensions in millimeters unless stated otherwise.	(A4) Not to scale	Rev: 1.3	Date: 29/09/07
--	-------------------	----------	----------------