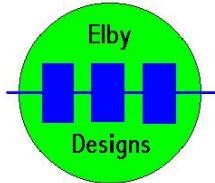
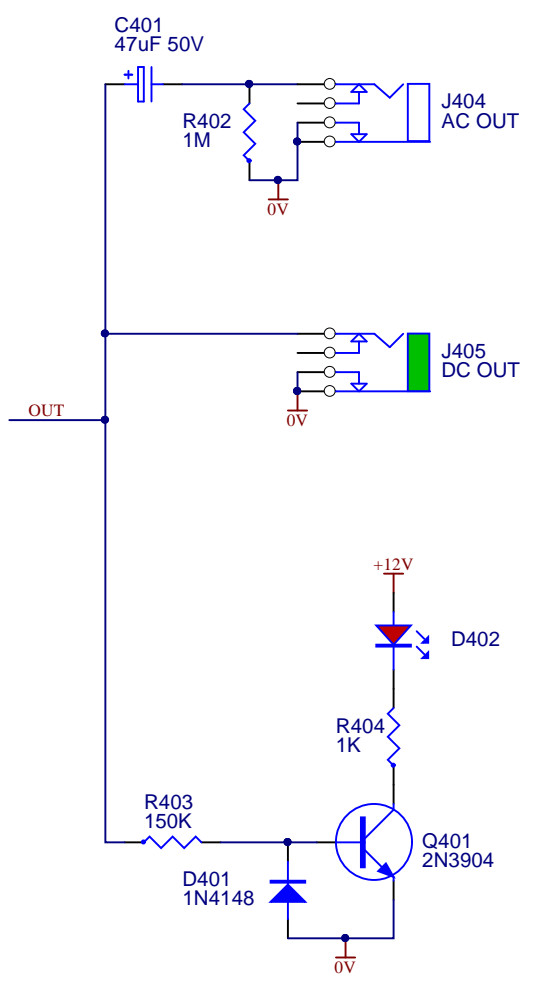
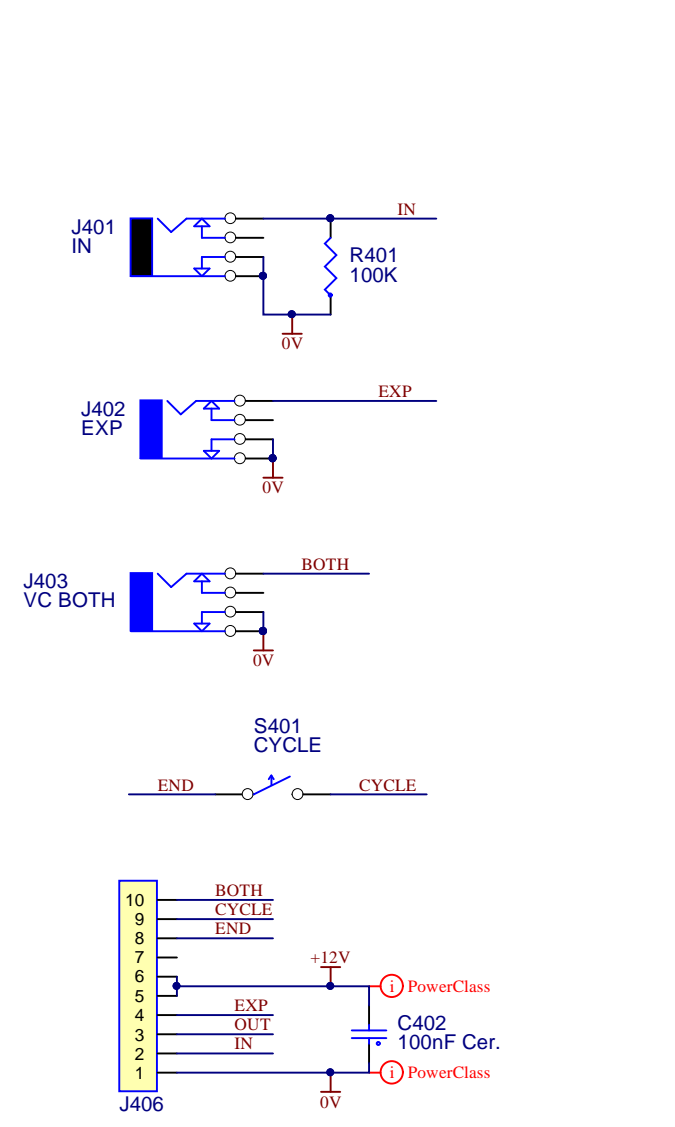


A

B

C

D



9 Follan Close
Kariang
NSW 2250
Australia

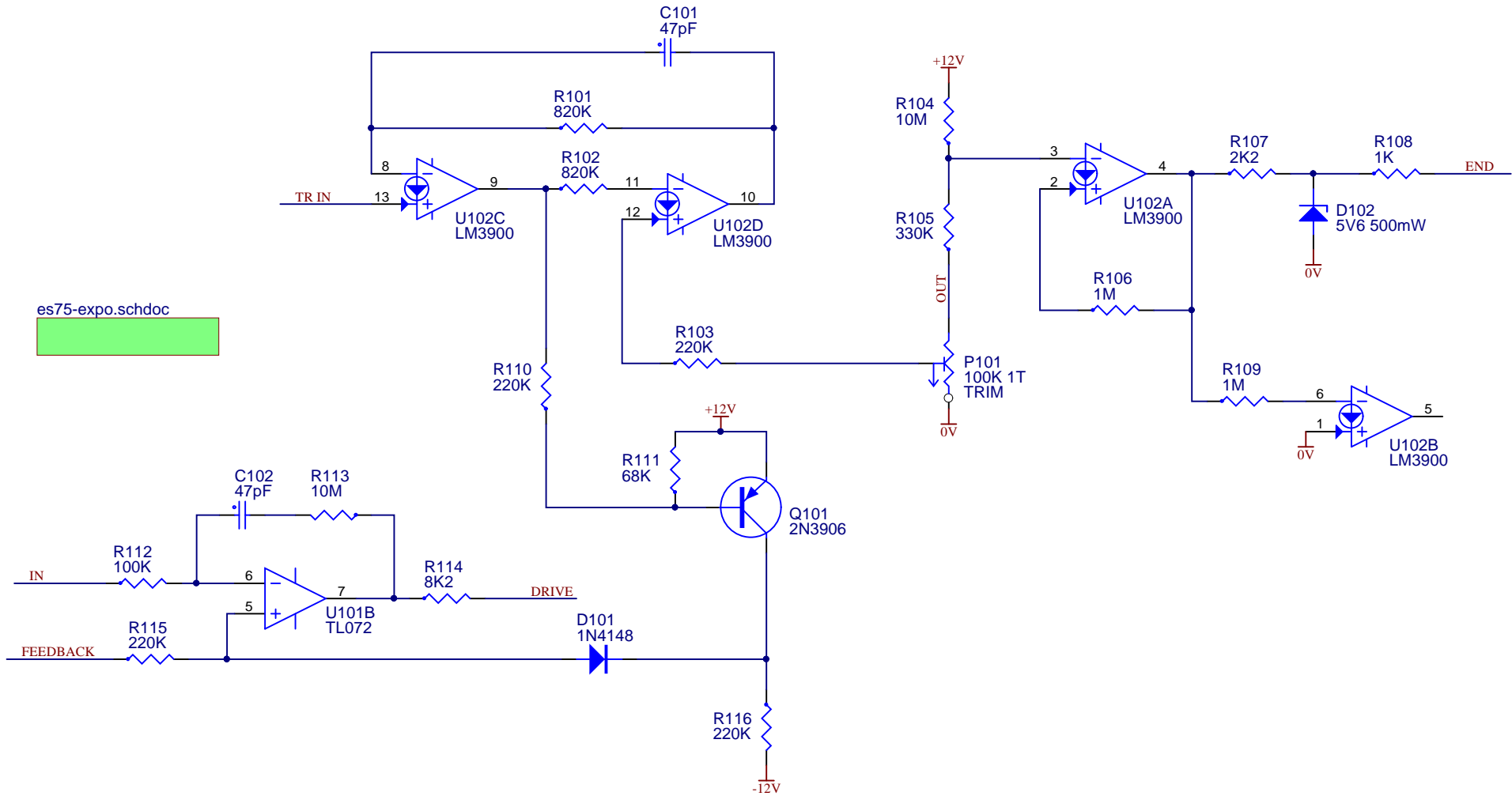
IMPORTANT NOTICE:
Information disclosed by this drawing is the property of ELBY Designs.
Duplication or manufacturing rights granted by written permission only.



ES75 VCS Column 1

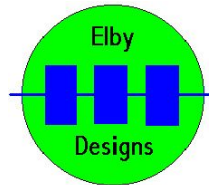
Produced under license from Serge Tcherepnin

Size A4	FCSM No. 25/10/2016	DWG No. es75-column1.schdoc	Rev 5.0
Scale		Laurie Biddulph	Sheet 1 of 1



es75-expo.schdoc

es75-power.schdoc



9 Follan Close
Karing
NSW 2250
Australia

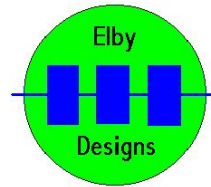
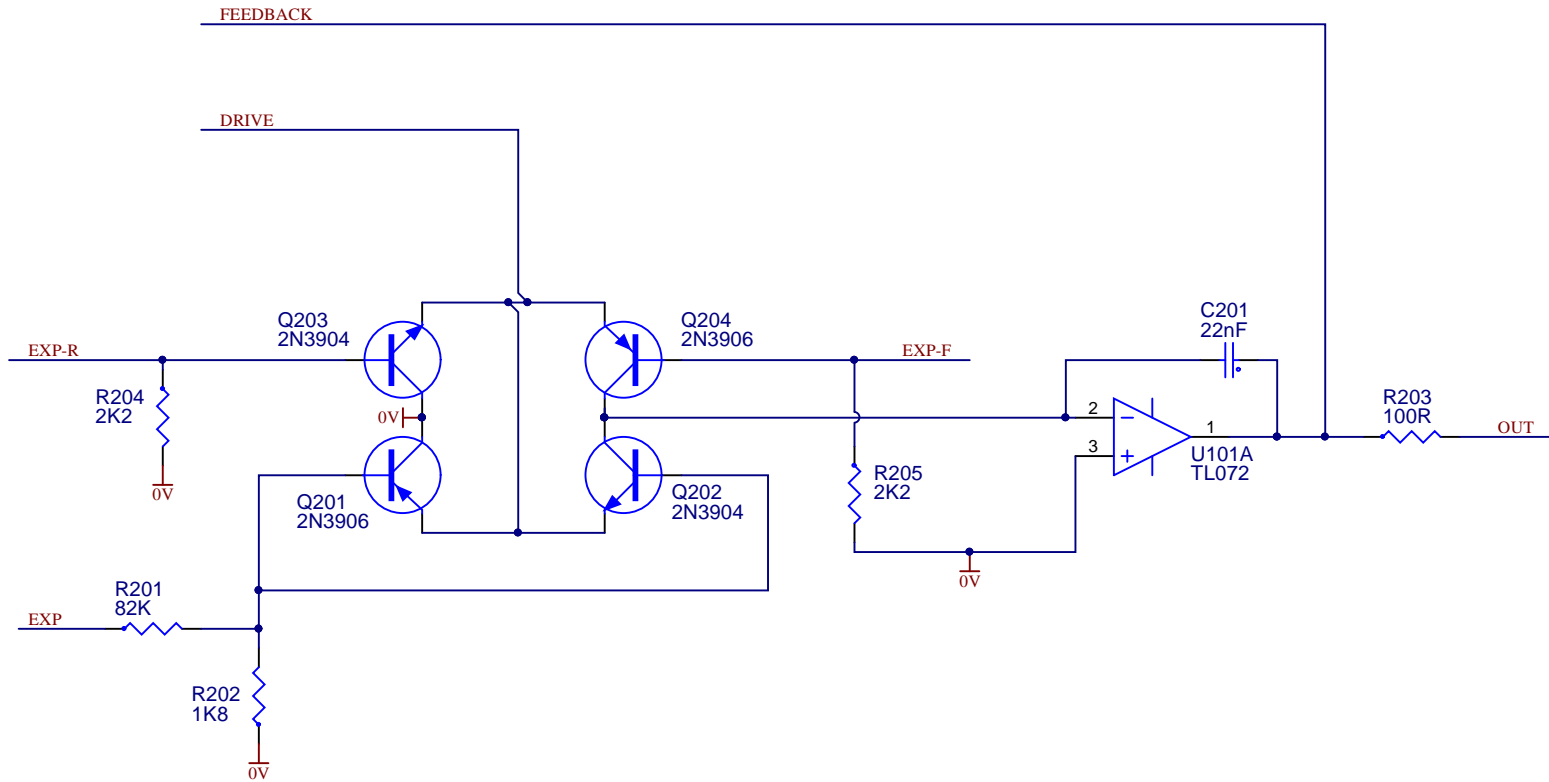
IMPORTANT NOTICE:
Information disclosed by this drawing is the property of ELBY Designs.
Duplication or manufacturing rights granted by written permission only.



ES75 VCS TRIGGER-END Sections

Produced under license from Serge Tcherepnin

Size A4	FCSM No. 25/10/2016	DWG No. es75-main.schdoc	Rev 5.0
Scale	Laurie Biddulph	Sheet 1 of 3	



9 Follan Close
Karing
NSW 2250
Australia

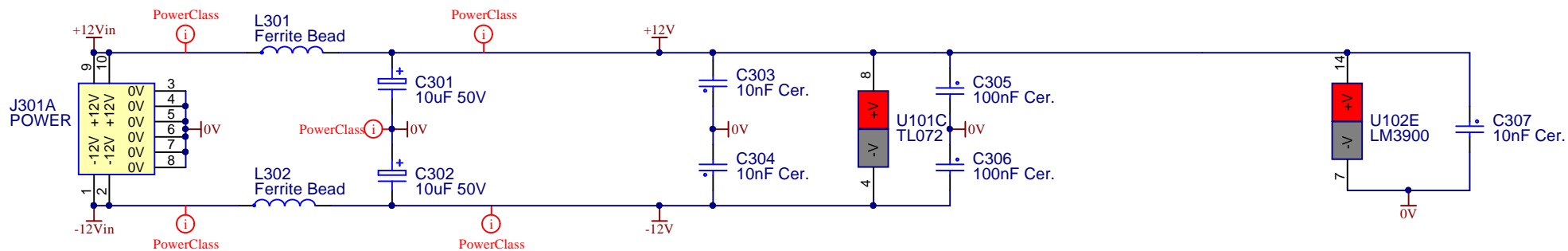
IMPORTANT NOTICE:
Information disclosed by this drawing is the property of ELBY Designs.
Duplication or manufacturing rights granted by written permission only.



ES75 VCS Exponential Stage

Produced under license from Serge Tcherepnin

Size A4	FCSM No. 25/10/2016	DWG No. es75-expo.schdoc	Rev 5.0
Scale	Laurie Biddulph	Sheet 2 of 3	



J301B
POWER

+5V	11
+5V	12
Internal CV	13
Internal CV	14
Internal GATE	15
Internal GATE	16

10	BOTH
9	CYCLE
8	END
7	
6	
5	+12V
4	EXP
3	OUT
2	IN
1	0V

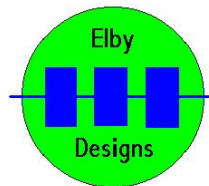
J302

10	CYCLE
9	
8	
7	
6	RISE
5	
4	FALL
3	TR IN
2	END
1	0V

J303

10	FEEDBACK
9	EXP-F
8	FALL
7	EXP-R
6	BOTH
5	
4	RISE
3	
2	+12V
1	-12V
0	0V

J304



9 Follan Close
Karing
NSW 2250
Australia

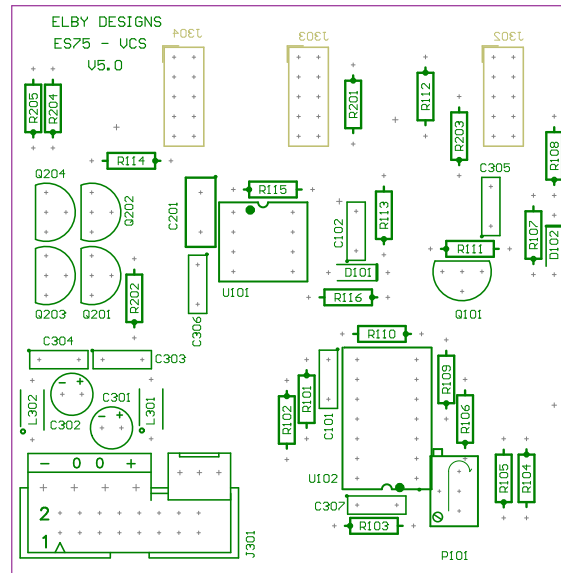
IMPORTANT NOTICE:
Information disclosed by this drawing is the property of ELBY Designs.
Duplication or manufacturing rights granted by written permission only.



ES75 VCS Power Supply

Produced under license from Serge Tcherepnin

Size A4	FCSM No. 25/10/2016	DWG No. es75-power.schdoc	Rev 5.0
Scale	Laurie Biddulph	Sheet 3 of 3	



Lead-free HASL - RoHS compliant
FR4, 1.6mm thick
Matt White silk-screen to 1 side
Silk-screen quality is important
Matt Blue solder-mask to 2 sides
Finished external copper weight 1oz
All holes are 'finished' sizes
PCB to be supplied loose (not panellised)

Elby Designs
Kariong, NSW 2250
Australia
www.elby-designs.com

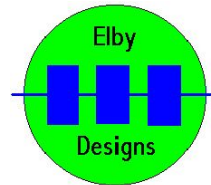
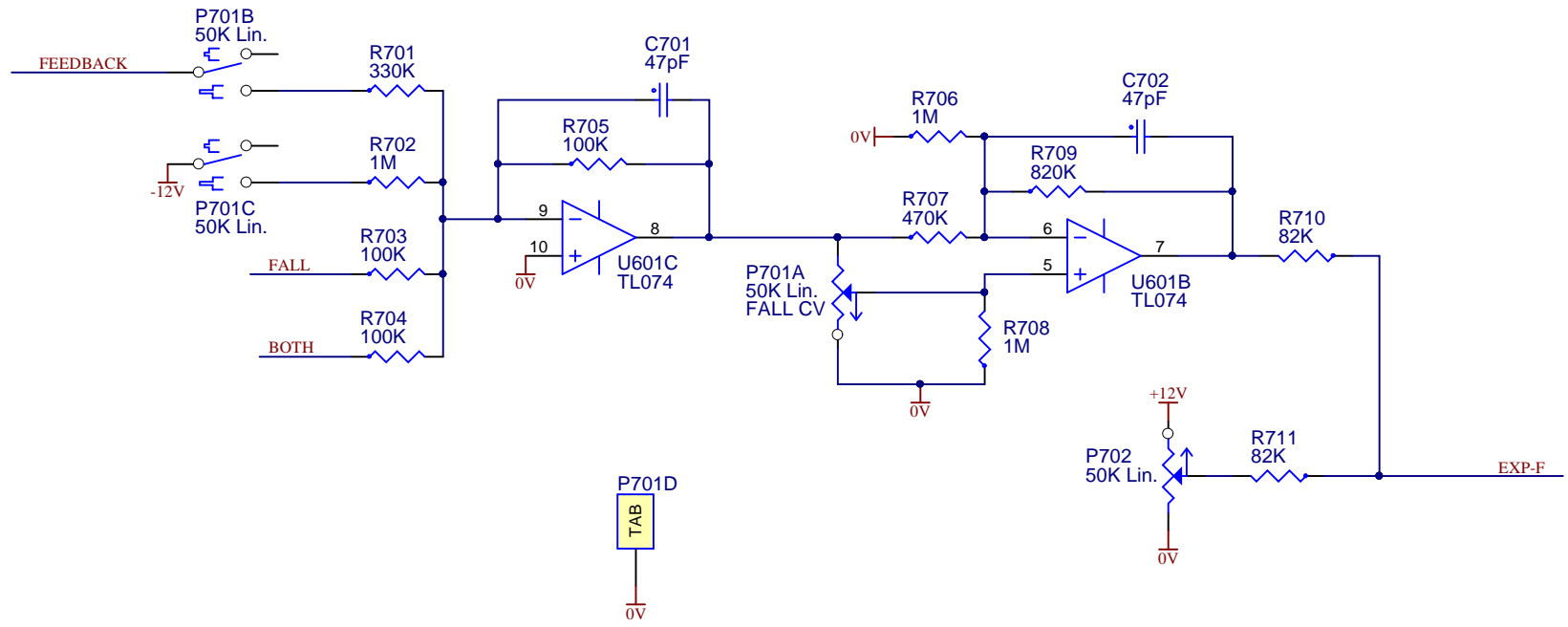
ES75 - VCS
Main PCB

All dimensions in millimeters
unless stated otherwise.

(A4) Do not scale

Rev: 5.0

Date: 12/07/16



9 Follan Close
Karingong
NSW 2250
Australia

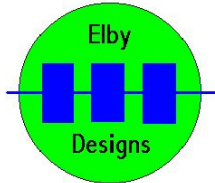
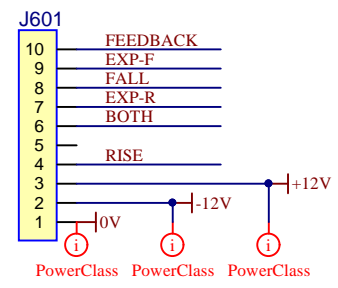
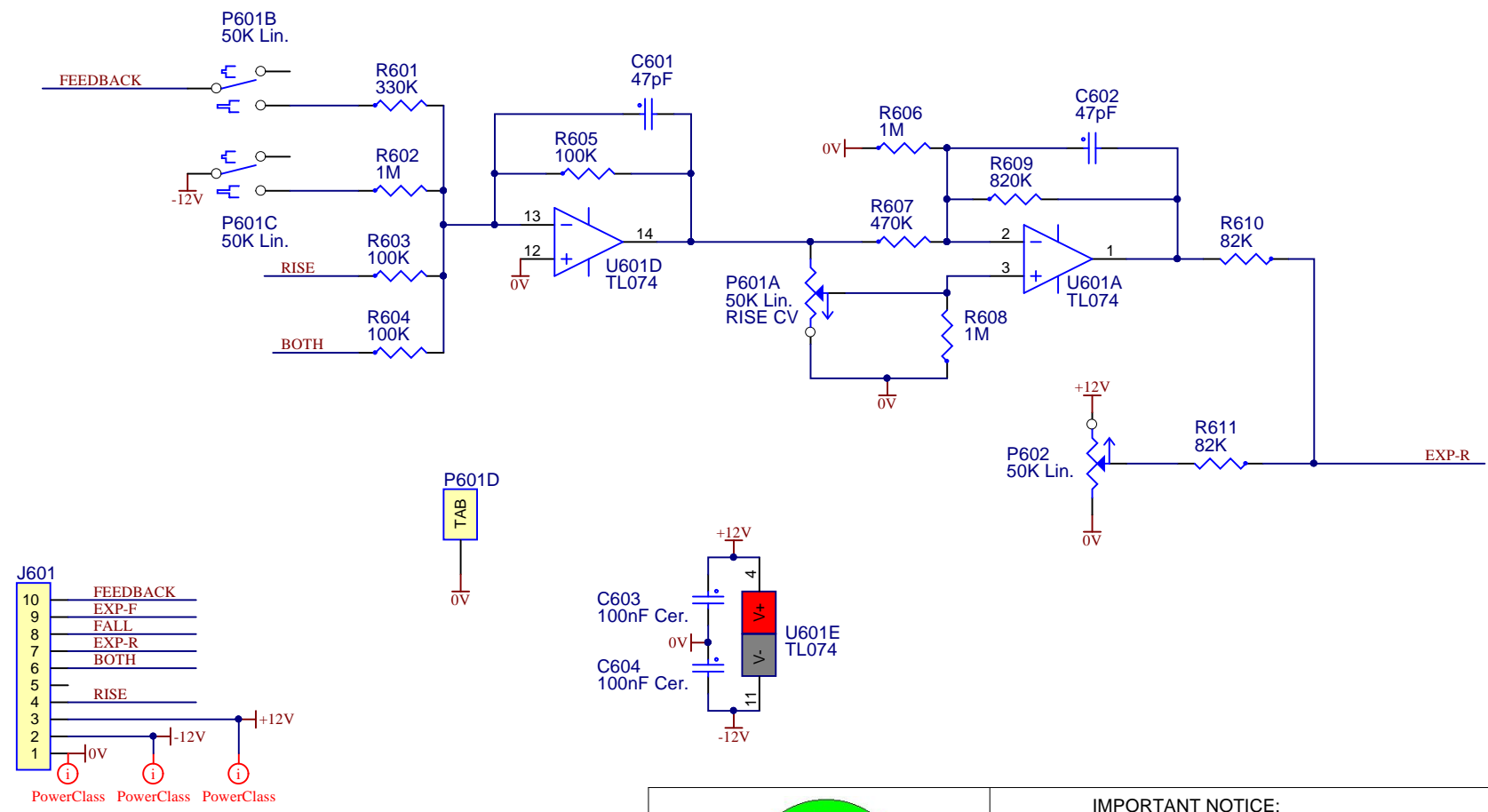
IMPORTANT NOTICE:
Information disclosed by this drawing is the property of ELBY Designs.
Duplication or manufacturing rights granted by written permission only.



CGS775 SERGE VCS FALL Section

Produced under license from Serge Tcherepnin

Size A4	FCSM No. 25/10/2016	DWG No. es75-fall.schdoc	Rev 4
Scale	Laurie Biddulph	Sheet 2 of 8	



9 Follan Close
 Kariong
 NSW 2250
 Australia

IMPORTANT NOTICE:
 Information disclosed by this drawing is the property of ELBY Designs.
 Duplication or manufacturing rights granted by written permission only.



CGS775 SERGE VCS RISE Section

Produced under license from Serge Tcherepnin

Size A4	FCSM No. 25/10/2016	DWG No. es75-rise.schdoc	Rev 4
Scale	Laurie Biddulph		Sheet 3 of 8

1 2 3 4 5 6 7 8

A

A

B

B

C

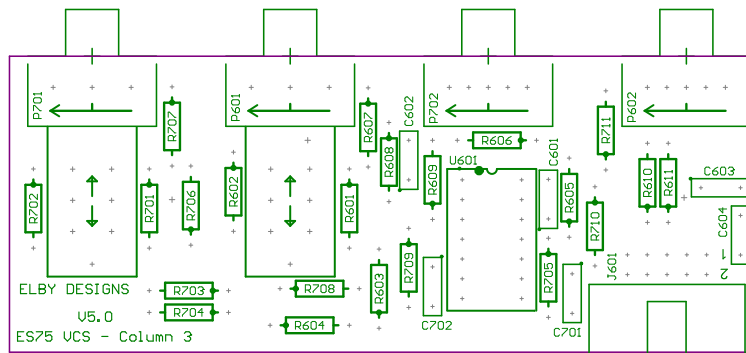
C

D

D

E

E



Lead-free HASL - RoHS compliant
 FR4, 1.6mm thick
 Matt White silk-screen to 1 side
 Silk-screen quality is important
 Matt Blue solder-mask to 2 sides
 Finished external copper weight 1oz
 All holes are 'finished' sizes
 PCB to be supplied loose (not panellised)

Elby Designs
 Kariong, NSW 2250
 Australia
www.elby-designs.com

ES75 - VCS
Column 3 PCB

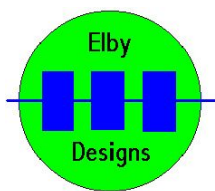
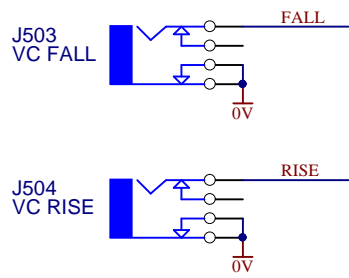
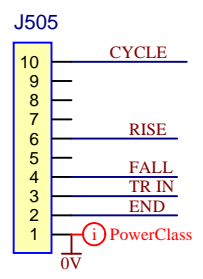
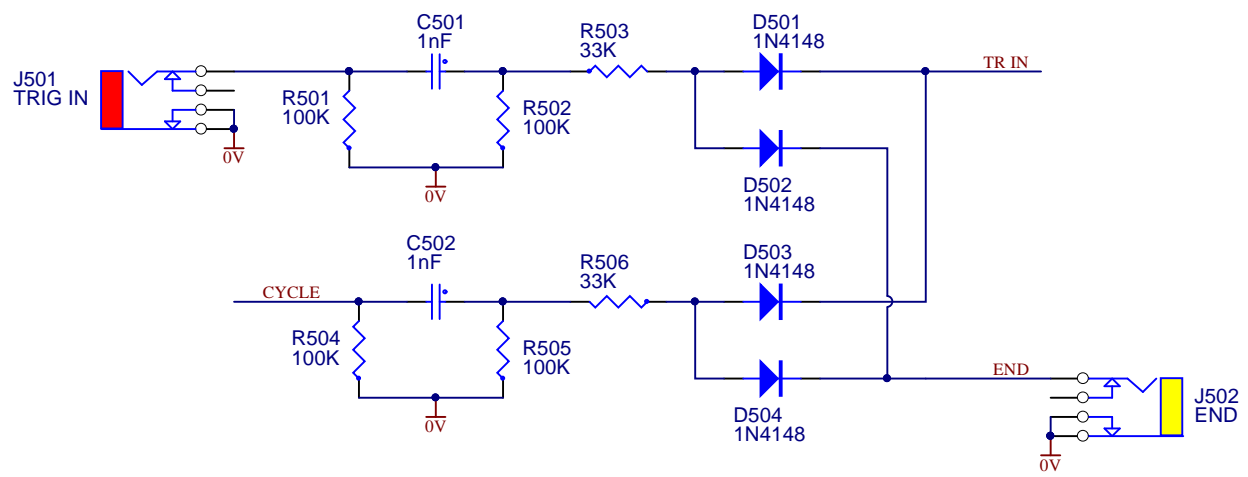
All dimensions in millimeters
 unless stated otherwise.

(A4) Do not scale

Rev: 5.0

Date: 13/07/16

1 2 3 4



9 Follan Close
Karingong
NSW 2250
Australia

IMPORTANT NOTICE:
Information disclosed by this drawing is the property of ELBY Designs.
Duplication or manufacturing rights granted by written permission only.



ES75 VCS Column 2

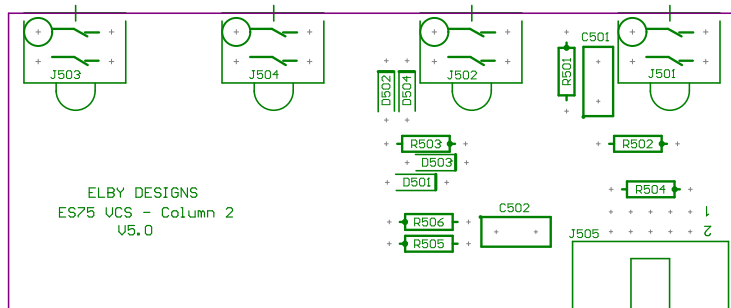
Produced under license from Serge Tcherepnin

Size A4	FCSM No. 25/10/2016	DWG No. es75-column2.schdoc	Rev 5.0
Scale		Laurie Biddulph	Sheet 1 of 1

1 2 3 4 5 6 7 8

A

A



B

B

C

C

D

D

E

E

Lead-free HASL - RoHS compliant
 FR4, 1.6mm thick
 Matt White silk-screen to 1 side
 Silk-screen quality is important
 Matt Blue solder-mask to 2 sides
 Finished external copper weight 1oz
 All holes are 'finished' sizes
 PCB to be supplied loose (not panellised)

Elby Designs
 Kariong, NSW 2250
 Australia
www.elby-designs.com

ES75 - VCS
 Column2 PCB

All dimensions in millimeters
 unless stated otherwise.

(A4) Do not scale

Rev: 5.0

Date: 12/07/16

1 2 3 4

1 2 3 4 5 6 7 8

A

A

B

B

C

C

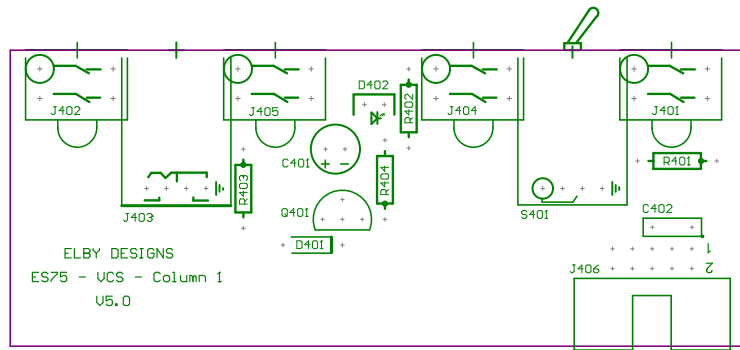
D

D

E

E

F



Lead-free HASL - RoHS compliant
 FR4, 1.6mm thick
 Matt White silk-screen to 1 side
 Silk-screen quality is important
 Matt Blue solder-mask to 2 sides
 Finished external copper weight 1oz
 All holes are 'finished' sizes
 PCB to be supplied loose (not panellised)

Elby Designs
 Kariong, NSW 2250
 Australia
www.elby-designs.com

ES75 - VCS
 Column 1 PCB

All dimensions in millimeters
 unless stated otherwise.

(A4) Do not scale

Rev: 5.0

Date: 12/07/16

1 2 3 4