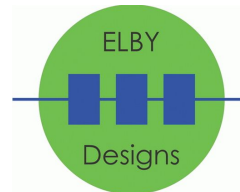
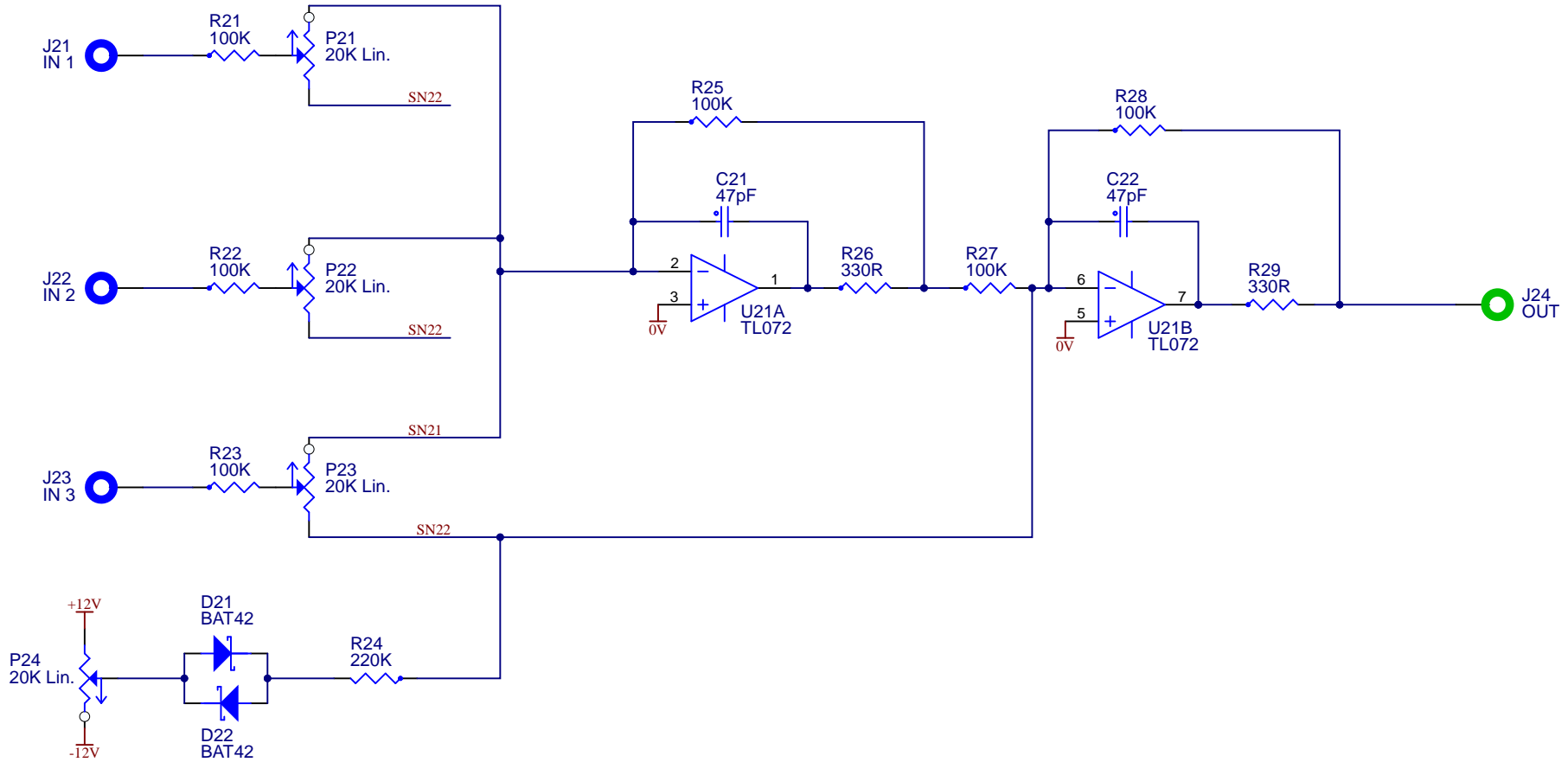


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## CGS381 Dual Voltage Processor Processor Circuit

Size A4	FCSMNo. 16/05/2024	DWG No. cgs381-1.schdoc	Rev V2.1
Scale		Laurie Biddulph	Sheet 1 of 3

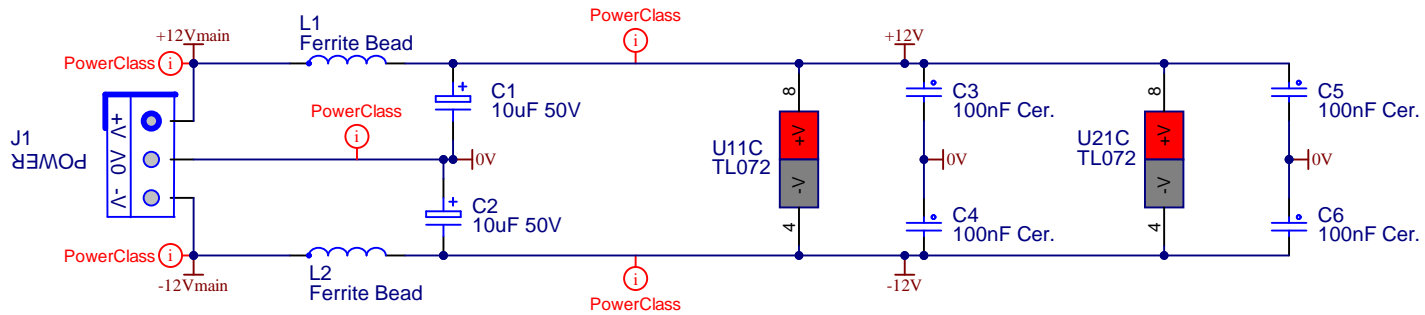


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## CGS381 Dual Voltage Processor Processor Circuit

Size A4	FCSMNo. 16/05/2024	DWG No. cgs381-2.schdoc	Rev V2.1
Scale	Laurie Biddulph		Sheet 2 of 3



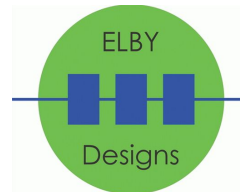
RCM



ELBY

CGS

RoHS



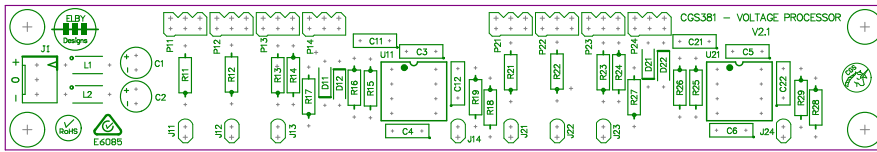
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## CGS381 Dual Voltage Processor Power Supply

Size A4	FCSMNo. 16/05/2024	DWG No. cgs381-power.schdoc	Rev V2.1
Scale		Laurie Biddulph	Sheet 3 of 3



DESIGN & FABRICATION INFORMATION	
ACCEPTABILITY TO: IPC STANDARD CLASS 2	
CIRCUIT TECHNOLOGY: <input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> DOUBLE SIDED - PTH <input type="checkbox"/> MULTI LAYER - PTH <input type="checkbox"/>	
MINIMUM CLEARANCE: 0.18mm	
MATERIAL: FR4 GLASS FIBRE EPOXY RESIN RoHS PROCESS COMPATIBLE	
THICKNESS: <input type="checkbox"/> 0.8mm <input checked="" type="checkbox"/> 1.6mm <input type="checkbox"/> 3.2mm <input type="checkbox"/> ____mm	
COPPER (Finished): <input checked="" type="checkbox"/> 1oz <input type="checkbox"/> ____microns	
SOLDER RESIST/MASK: <input checked="" type="checkbox"/> L. PHOTO IMAGE <input type="checkbox"/> EPOXY <input type="checkbox"/> THIN DRY FILM <input checked="" type="checkbox"/> TOP SIDE COLOUR: RED (MATTE) <input checked="" type="checkbox"/> BOTTOM SIDE COLOUR: RED (MATTE)	
SCREEN PRINT OVERLAYS: <input checked="" type="checkbox"/> TOP OVERLAY COLOUR: WHITE <input checked="" type="checkbox"/> BOTTOM OVERLAY COLOUR: WHITE	
TRACK FINISH: <input checked="" type="checkbox"/> Lead Free HASL <input type="checkbox"/> ELECTROLESS NI/AU <input type="checkbox"/> TIN/LEAD	
LAMINATION SEQUENCE: Layer 1: Top Layer - 35um Cu  FR4 Core Layer 2: Bottom Layer - 35um Cu	
SPECIAL INSTRUCTIONS: PCB to be supplied loose (not panellised) Silk-screen quality is important	
TOLERANCES: HOLE SIZES ARE 'FINISHED' SIZES MECHANICAL DIMENSIONS +/- 0.25mm HOLE SIZE: 0 TO 0.8 -> +/- 0.05 NPTH -> +/- 0.08 PTH HOLE SIZE: 0.8 TO 1.6 -> +/- 0.08 NPTH -> +/- 0.10 PTH HOLE SIZE: 1.6 UP -> +/- 0.10 NPTH -> +/- 0.15 PTH	

<b>ELBY Designs</b> Bridport, TAS 7262 Australia <a href="http://www.elby-designs.com">www.elby-designs.com</a>	<b>CGS381 VOLTAGE PROCESSOR</b>  <b>PCB Details</b>
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All dimensions in millimeters unless stated otherwise.	(A4) Do not scale	Rev: 2.1	Date: 28/02/2022
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