

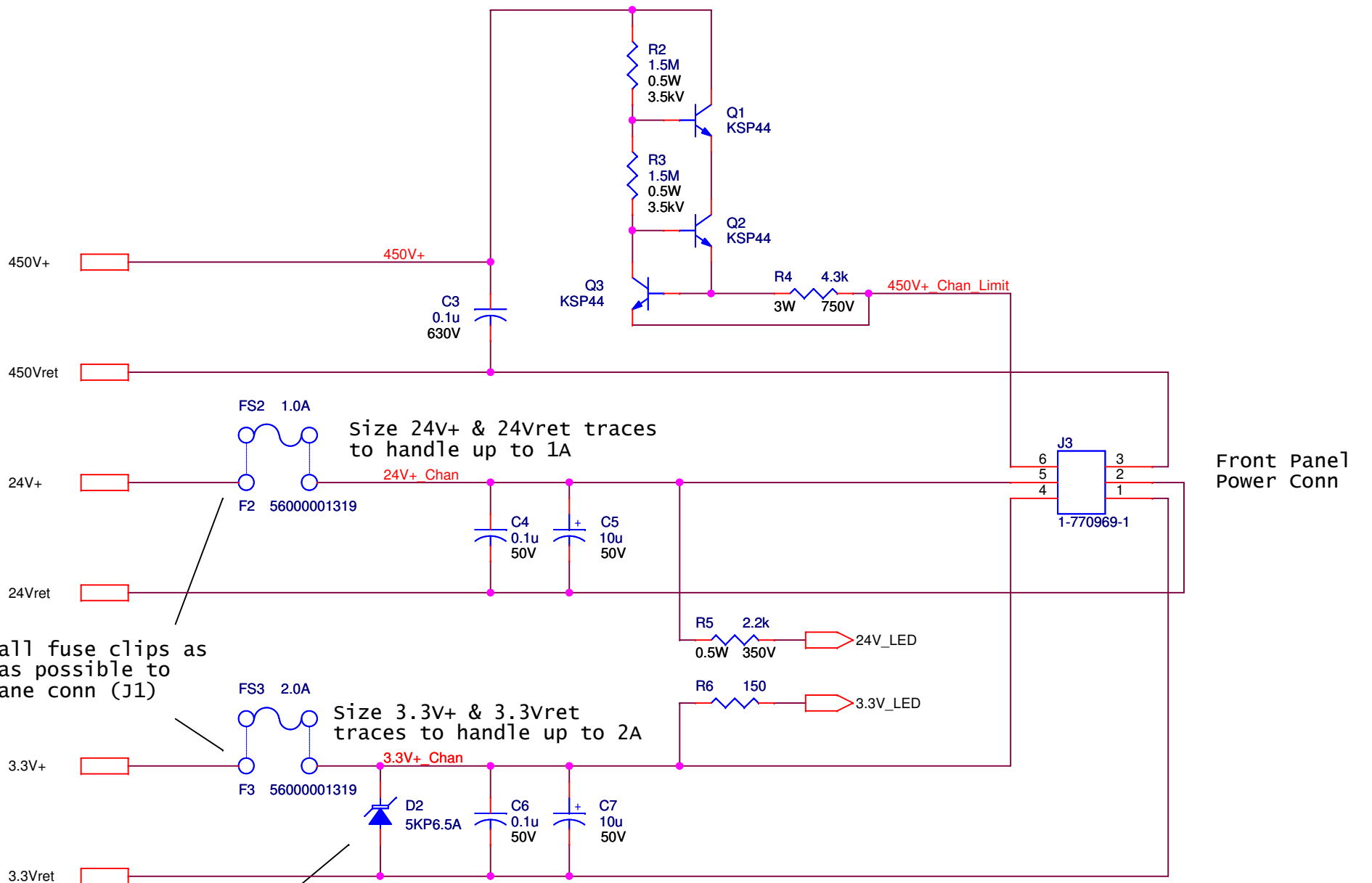
Verify LED footprint such that pin 1 is top/yellow anode.

Combine single yellow LED with SU1 to create Right Angle version.

Size 24V+_DCM* & 24Vret_DCM traces to handle up to 4.0A

DCM 24V ON

University of Virginia Physics Dept. 382 McCormick Rd, Charlottesville, VA 22904		
Title PDB DCM Card for NOVA Project		
Size A	Drawn By Stephen Goadhouse, 434-982-5594, sgd6h@virginia.edu	Rev 3.1
Date: Monday, November 09, 2009	Sheet 1	of 3



Size 24V+ & 24Vret traces to handle up to 1A

Place all fuse clips as close as possible to backplane conn (J1)

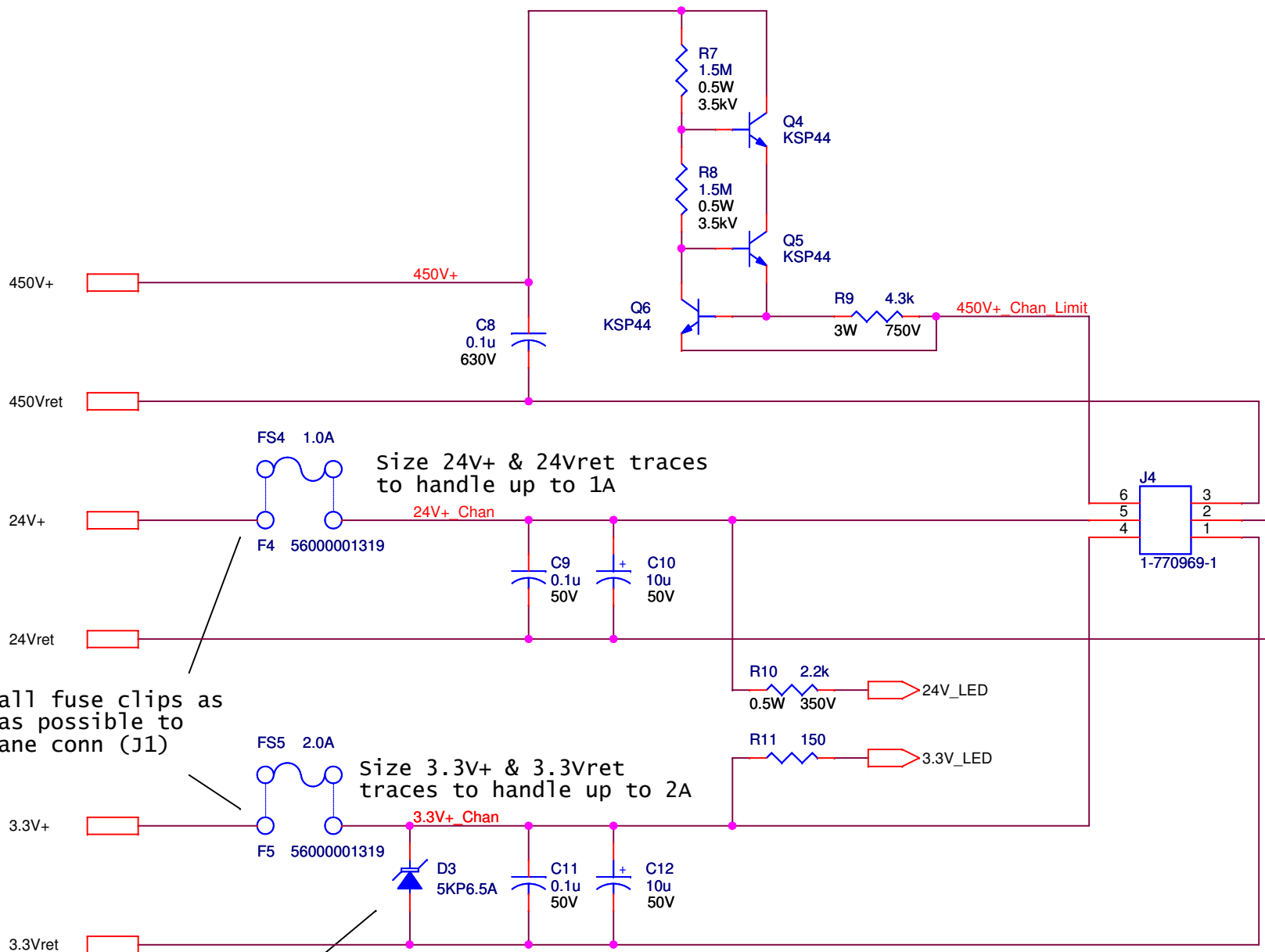
Size 3.3V+ & 3.3Vret traces to handle up to 2A

Place TVS as close as possible to fuse clip.

Front Panel Power Conn

/Chan1

University of Virginia Physics Dept. 382 McCormick Rd, Charlottesville, VA 22904		
Title PDB DCM Card for NOVA Project		
Size A	Drawn By Stephen Goadhouse, 434-982-5594, sdg6h@virginia.edu	Rev 3.1
Date:	Monday, November 09, 2009	Sheet 2 of 3



Size 24V+ & 24Vret traces to handle up to 1A

Size 3.3V+ & 3.3Vret traces to handle up to 2A

Place all fuse clips as close as possible to backplane conn (J1)

Place TVS as close as possible to fuse clip.

Front Panel Power Conn

/Chan2

University of Virginia Physics Dept. 382 McCormick Rd, Charlottesville, VA 22904		
Title PDB DCM Card for NOVA Project		
Size A	Drawn By Stephen Goadhouse, 434-982-5594, sdg6h@virginia.edu	Rev 3.1
Date:	Monday, November 09, 2009	Sheet 3 of 3