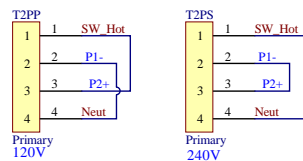


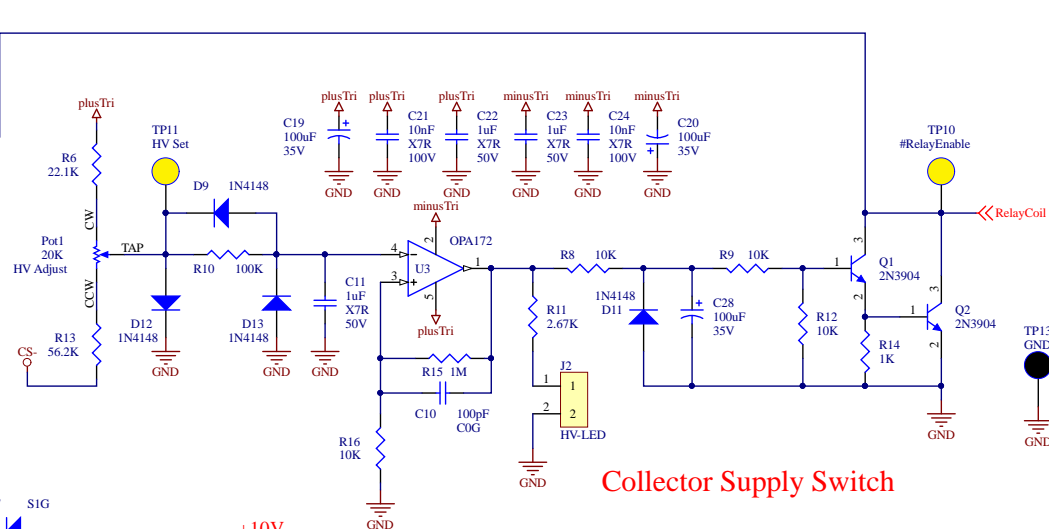
Externally Mounted Transformer



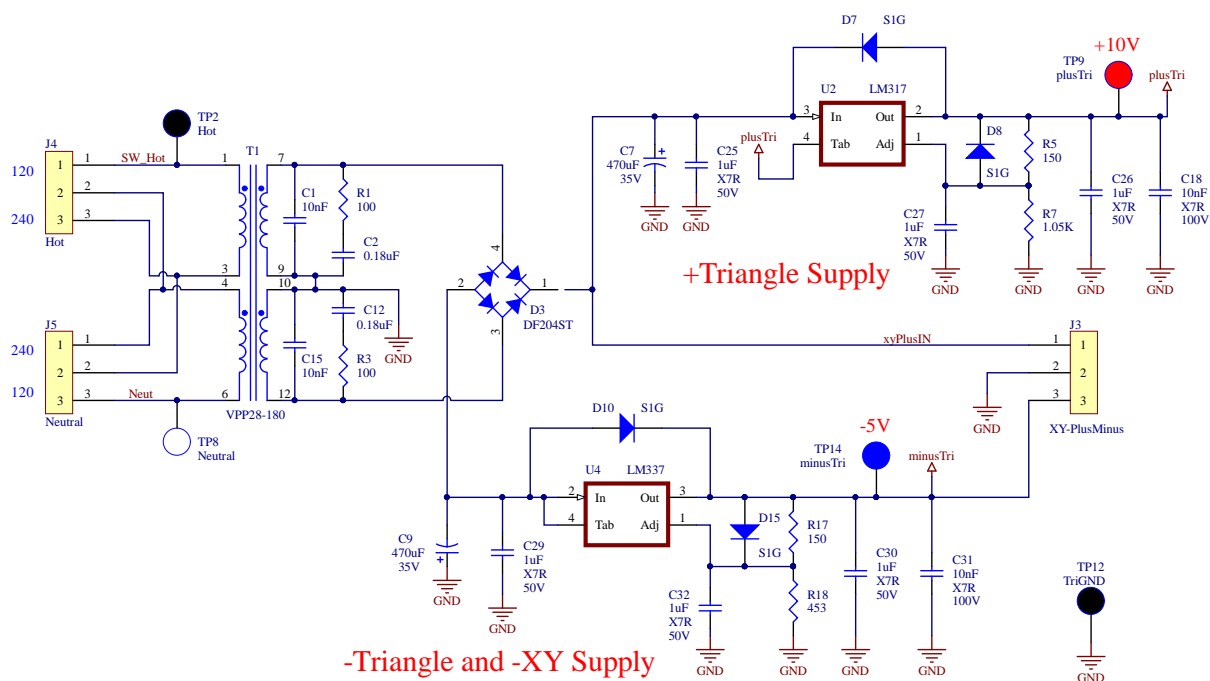
Primary Connection

Vhi, Vlo and CS- are isolated from all other power supply terminals. CS- is connected to the ISO GND for NPN (N Ch) transistors. CS- is connected to the collector/drain of PNP (P Ch) transistors.

Collector Supply

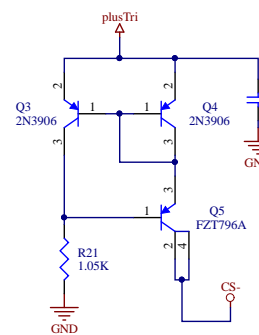


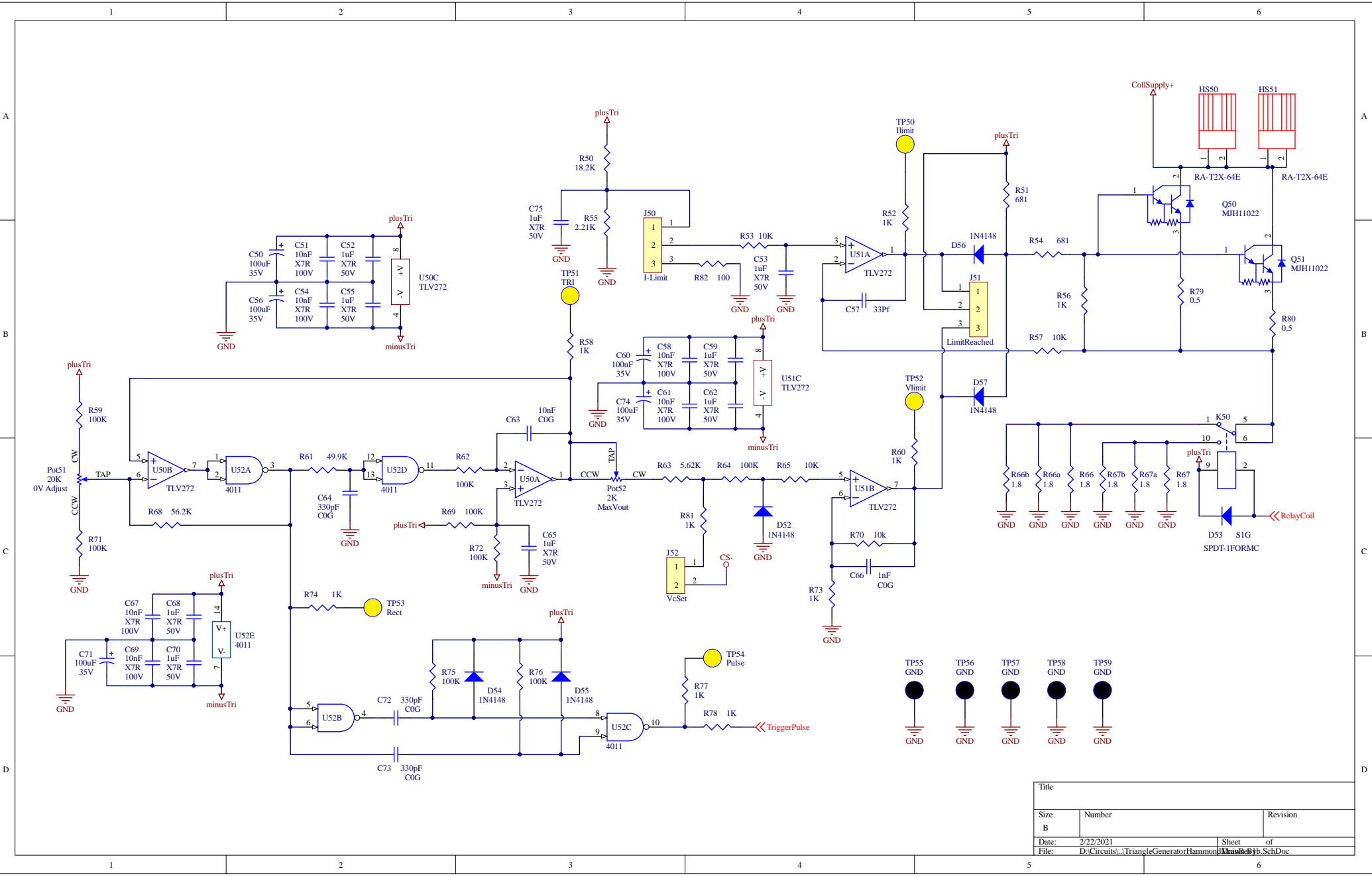
Collector Supply Switch

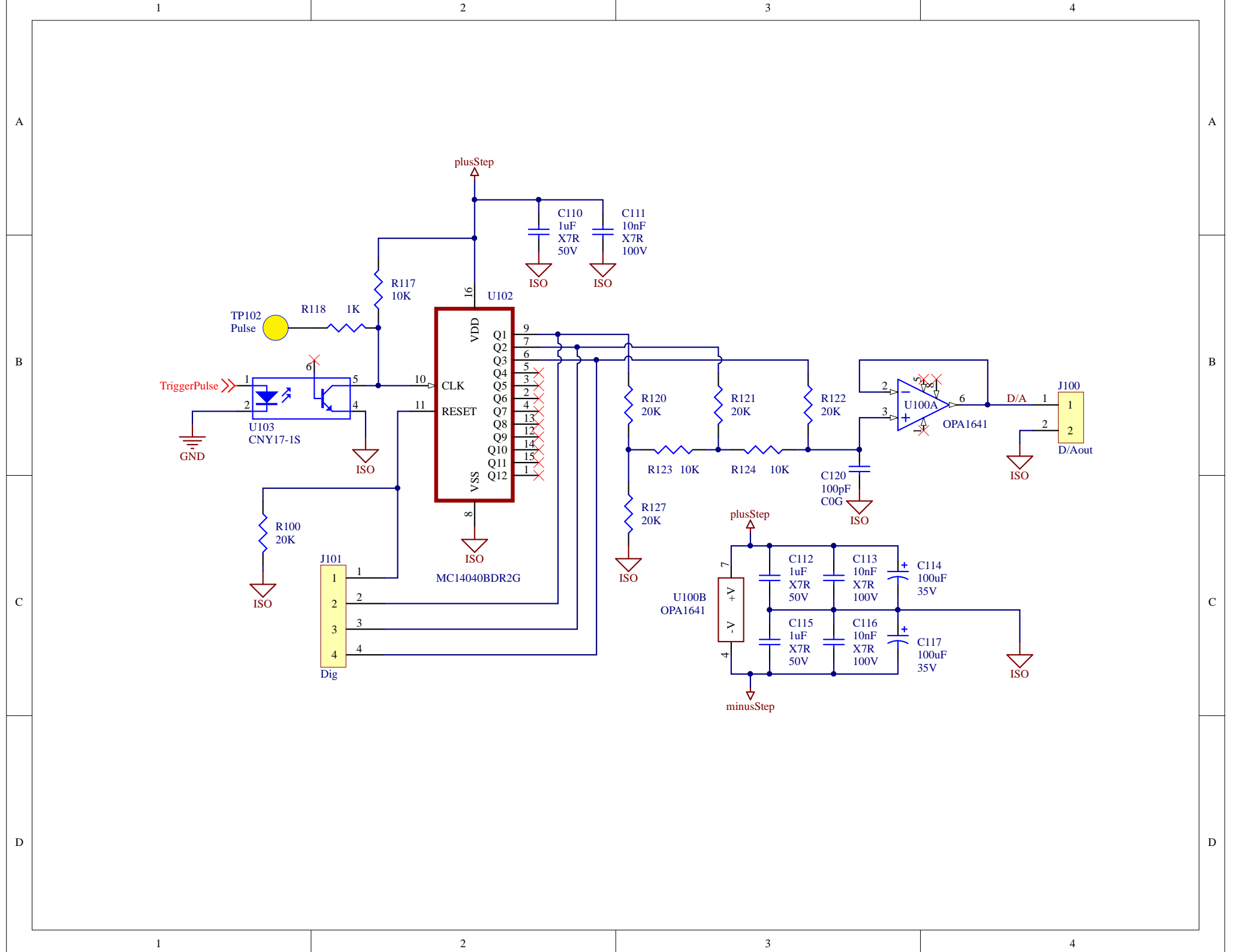


-Triangle and -XY Supply

CS- Load
8mA current source





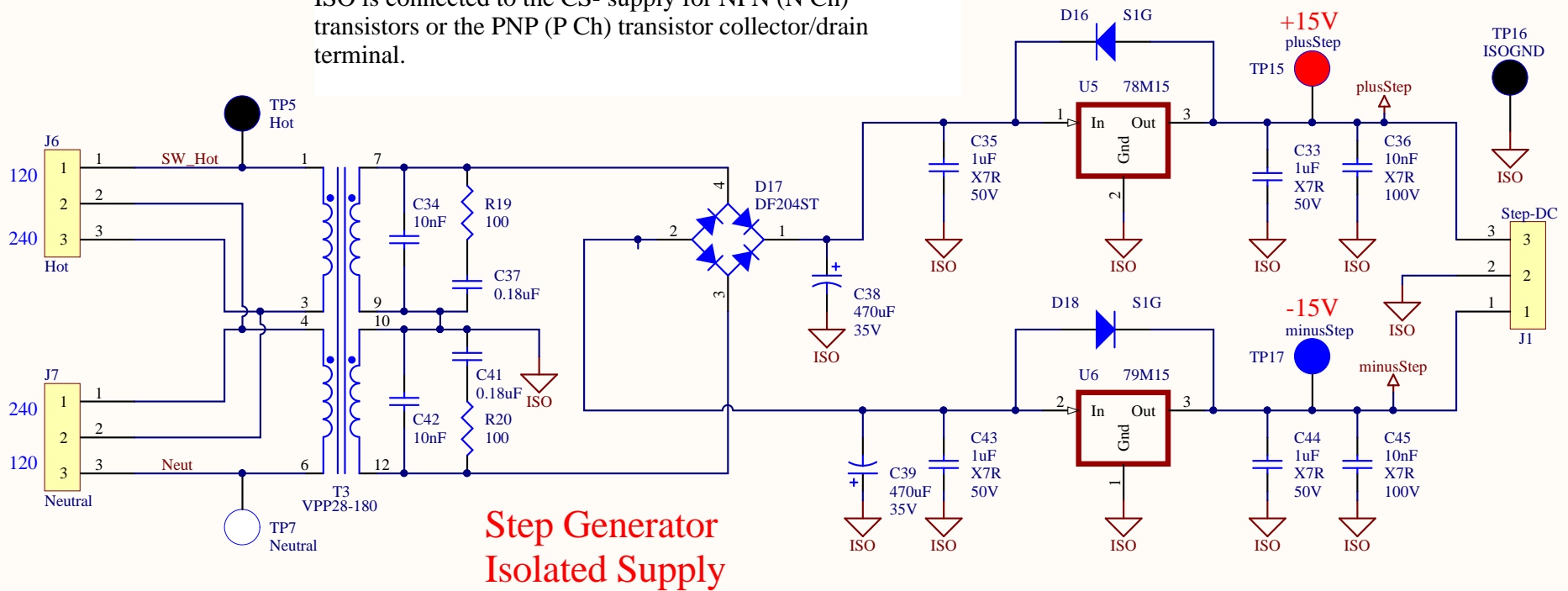


1		2		3		4	
A							
B							
C							
D							

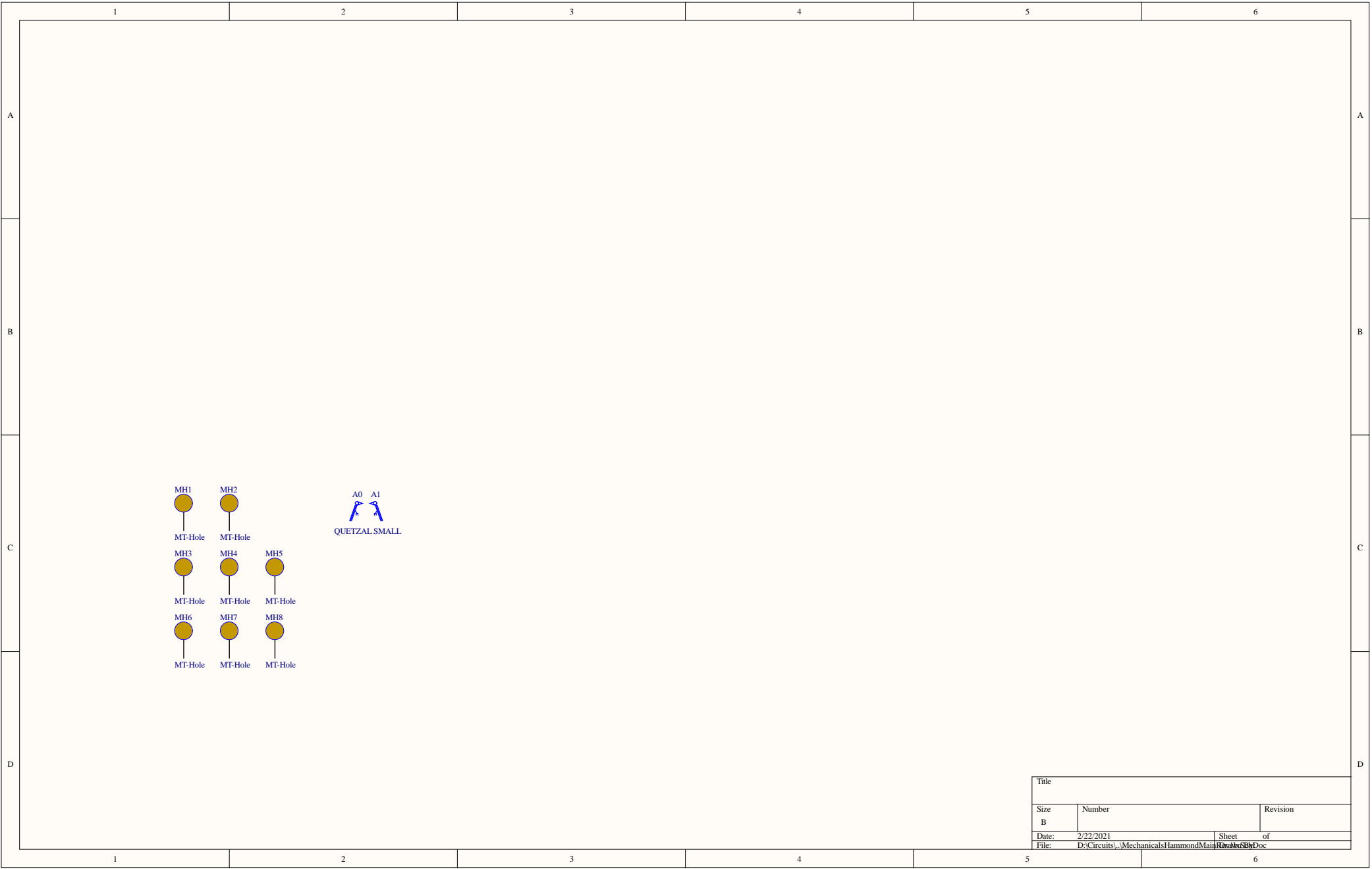
The step supply is completely isolated from all other power supply terminals.

The ISO nomenclature is used on the reference terminal to indicate that the supply reference is isolated from the other circuit ground.

ISO is connected to the CS- supply for NPN (N Ch) transistors or the PNP (P Ch) transistor collector/drain terminal.



Title		
Size	Number	Revision
A		
Date:	2/22/2021	Sheet of
File:	D:\Circuits\...\Isolated Power Supplies Rev 2.0 Sch.Dwg	



Title		
Size B	Number	Revision
Date:	2/22/2021	Sheet of
File:	D:\Circuits\Mechanicals\HammondMain\Hards\SB\Doc	