

# Production Schematics

## COMMON QUESTIONS

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### What is a production schematic?

It is a SmartConnect schematic used by Sun engineers only, for production custom assemblies that are not controlled by QD.

### Is it possible to create a production schematic that is not associated with a custom assembly?

Not currently, but you can create a Guest schematic if no tracking information is required. Production schematics require an associated part number and revision history.

### When can a production schematic be created?

Only when the custom assembly is in a status (like “Production”) indicating that the design is controlled by Primedata (BOM, NBOM, PBOM) instead of QD. The custom must have a PBOM with stamping for the items to be imported.

### What if the custom does not already have a schematic?

If the custom does not already have a schematic, the existing features (cartridges and ports) from the NBOM/PBOM will be loaded into the schematic. If no NBOM/PBOM exists, the schematic will be blank when first opened.

### How can I create or open a production schematic?

Open the custom assembly in the new QD and go to the Documents page. Then click on the “Production Schematic” link. Or open the Primedata config page and click on the link in the Status/Revision section.

### Can the production schematic be used to create or update the BOM in Primedata?

No, but this process is under review.

### Can I save a SmartConnect production schematic to my desktop?

You can download the .dwg or .dxf file to your computer, and you can edit that file with different software. But you will not be able to save those changes back to SmartConnect, which is a web application that works only on the server.

### Is it possible to do a “Submit to QuickDesign” with a production schematic?

No, production schematics are for manual designs, at least for now





### What happens when there is a change to the BOM, NBOM or PROM in Primedata? Does the schematic get updated?

Not automatically, at least not yet. Updates must be manually made to the schematic in order to keep the design in sync. Soon it should be possible to run an analysis to determine if the schematic is in sync. And future versions of the software may include the capability to control the BOM.

### What happens when the custom assembly goes from one rev to another?

If the revision does not affect the schematic, nothing needs to be done. For example: Suppose a schematic is created for Rev A. The custom assembly moves to Rev B because a plug was changed, so no update is required to the schematic. The custom then moves to Rev C because of a configuration

change, and a change is required to the schematic. By looking at the interface, you can see that the schematic for Rev A also applies to Rev B because there is not schematic icon for Rev B. For example:

Status/Revision						
	Part	Date	Rev	Status	User	Notes
	B509-14V-C04	10/02/2015	C	Production	Dan Guillen	ADDED
	B509-14V-C04	09/22/2015	B	Production	Dan Guillen	FT 1 H WAS 1
	B509-14V-C04	09/16/2015	A	Production	Richard Haynes	Initial
	B509-14V-C04	09/10/2015	2	Quick Design	jordanpritt	
	B509-14V-C04	09/10/2015	1	Quote	jordanpritt	

I click on the link but the schematic shows an error and won't load. What's wrong?

Contact a Primedata admin person. These design probably contains a feature that does not have a supported symbol or is otherwise unsupported in SmartConnect.