

QA (Quality Assurance) at Eravant involves following proper document compliance procedures.

### **WORK ORDERS**

Products are built by manufacturing team members and tracked as “work orders.” A “soft” folder is created for every work order and stored on our server. Each digital folder contains crucial information regarding the components built on the order. It is the responsibility of the team to deposit these crucial documents in each folder, but it is the responsibility of QA to audit and ensure their presence.

Different work orders require different documents, so the QA assistant must be familiar with the products and the required documents associated in order to properly audit the files.

### **PRODUCT SERIES**

Eravant products are split into “series” which can be determined by the three-letter prefix of a part number. For example, SCT-KFKF-UB is part of the “SCT” series. These series help us further break down part numbers into different broad categories.

Series can be further grouped into “families.” Families are loosely defined by the second letter in the 3-letter prefix. For example, the SCT from above belongs to the C-Family, which stands for the Coax family of products. The series in this family share general characteristics associated with coax interfaces.

Families can then be separated into three general “lines.” There is no obvious indication of the line that a product belongs to unless the team member possesses knowledge of the technology, the bill of materials, or the following chart:

Active (MMIC)	Diode/Test	Passive	Private Label (PL)*
SBL	SFB	All Other Series	Select SBB
SBP	SFD		Select SBP
SBB	SFH		SCT
SFA	SFP		SCF
SSR	SFS		SNF
SST	SFU		SNC
SSC	SFV		Select SAR
STB	SKA		Select SAC
	SKD		
	SK8		
	SKS		
	SOL		
	SOM		
	SSM		
	SSP		
	SSS		
	STD		
	STE		
	STG		
	STH		
	STZ		

## **PRIVATE LABEL (PL)\***

There is a further distinction that cuts across product series, families, and lines. The distinction is that some products are manufactured in Torrance on-site while others are manufactured onsite by a third party vendor. The latter type is called “Private Label,” and a sample listing of such products are included in the table on the prior page.

Whether a product is PL determines the type of test data required in the folder.

## **REQUIRED DOCUMENTS**

- Active and Diode/Test Lines
  - Photographs of the Parts
  - Test Data
  - Label File
- Passive Line
  - Some passive line products require test data while others do not.
  - Reference the document here to understand which of the passive line products require test data. If the series is not listed, then it does not require test data:  
<https://sftp.eravant.com/content/resources/Parts-Testing.pdf>
  - If Test Data is Not Required
    - Photographs of the Parts
    - Label File
  - If Test Data is Required
    - Photographs of the Parts
    - Test Data
    - Label File
- Private Label
  - Photographs of the Parts
  - Test Data from the Vendor
  - Label File
  - Excel Table for Vendor/Eravant Serial Number Matching