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1 **DONE** #A Import sharepoint to FileMaker

2 **TODO** #B Add missing FormFactors

3 **TODO** #B Remove unnecessary sparams

Remove sparam file names for PLLs, PLL-VCOs and stuff like that. Also make sure that the cascade export doesn't create the "models" entry when there is no sparam.

4 **TODO** #B Check all missing properties

catId=BSF H20LF=N/A for all XM-A2C4-0604D L20LF=N/A L40LF=N/A H40LF=N/A catId=BPF L40LF=N/A and H40LF=N/A for some catId=SP2 AMP<sub>BAL</sub>=N/A for most PHASE<sub>BAL</sub>=N/A for most catId=CPL ISO=N/A for most AMP<sub>BAL</sub>=N/A for most PHASE<sub>BAL</sub>=N/A for most DIRECTIVITY=N/A for all catId=SW2 is good catId=EQL HPWRL=N/A for all SLOPE=N/A for some catId=PAD is good catId=DSA VDD=N/A for all HFREQ=N/A for some (but LFREQ is defined for some of those) LFREQ=N/A (if LFREQ=N/A then HFREQ=N/A for those parts) catId=TVA LFREQ=N/A for few HFREQ=N/A for some catId=VVA IDD=N/A for some catId=TML LFREQ=N/A for few HFREQ=N/A for all IL=N/A for all catId=DTC IDD=N/A for all catId=BTE IDD=N/A for all catId=BLN everything but XM-A7F8-0409D: PHASE<sub>BAL</sub>=N/A XM-B2F5-0409D ISO=N/A, AMP<sub>BAL</sub>=N/A XM-B5Y8-0409D ISO=N/A, AMP<sub>BAL</sub>=N/A catId=CIR (only has 2 parts) ISO=N/A for all catId=CMF (only has 1 part) HVOUT=N/A for all catId=DPX HIGH<sub>FREQ2MHZ</sub>=N/A for all

catId=SYN XM-C6K5-0409D PWR = N/A catId=PSH VDD = N/A catId=PLM IL = N/A for most of them HPWRL = N/A for most of them catId=AMP XM-A2R5-1204D everything but GAIN and HFREQ is undefined XM-A2R6-1204, XM-A2R7-1204 everything is undefined XM-A9R3-0804D IDD=N/A XM-A9R7-0804D IP3=N/A, VDD=N/A, IDD=N/A XM-B8U8-0404D NF=N/A, P1DB=N/A, VDD=N/A, IDD=N/A catId=MXR is good catId=MOD is good catId=UPC CONV<sub>LOSS</sub>=N/A GAIN=N/A catId=DMD CONV<sub>LOSS</sub>=N/A GAIN=N/A catId=DNC CONV<sub>LOSS</sub>=N/A GAIN=N/A catId=MUL LIPWR=N/A for most of them HIPWR=N/A for all of them XM-B5H5-0404D CONV<sub>LOSS</sub>=N/A catId=DIV XM-A2A2-0804D all attributes are N/A XM-A2K5-0804D POUT=N/A, IDD=N/A XM-B4U5-0804D LIPWR=N/A, HIPWR=N/A, POUT=N/A,

VDD=N/A, IDD=N/A catId=LPF 40LF=N/A for most 20LF=N/A for some 3LF=N/A for a few catId=HPF XM-B818-0204D all attributes IL=N/A for some 3LF=N/A for few 20LF=N/A for few 40LF=N/A for some catId=DSA (LFREQ&HFREQ problem) catId=TVA (LFREQ&HFREQ problem) catId=TML (LFREQ&HFREQ problem)

**5 TODO** #C Add Connectors from X-cessories

**6 TODO** #C Cascade SVG generate paths

**7 TODO** #C Get categories with valid/cascade-able sparams

- Amplifier
- Attn
- Bal
- Bias controller
- Bias Tees
- Circulator/Isolator
- Comparators
- Converters/Modulators - nonStandard s2p only
- Couplers
- Detectors - voltage output .s2p if has RF out
- Diodes
- Diplexers
- Dividers .csv and .cti only
- Equalizers
- Filters
- Gain and Phase Detectors - same as detectors

- Limiters
- Loads
- Mixers non-standard .s2p
- Multipliers .csv and .cti only
- Oscillators - no saved data
- PAC
- PLL -ask Britney
- PLL/VCO
- Phase shifter
- Splitter/Combiner
- Switches
- Transmission lines

## 8 **TODO** #C Add more housings to Xcessories and cascade

Check in the HOU Formfactors for supported housings that aren't in the database yet.

- 9   **TODO** #D PCB 0953B is not blue
- 10   **TODO** #D rebuild A9G1 and Diplexers in block-builder
- 11   **TODO** #D Website exports database
- 12   **TODO** #F Universal Part Formfactors
- 13   **TODO** #A Fix parts excluded by web PCB revision change erik

Some parts were not included in the last cascade export because the PCB web revision value was changed, and there was not an image associated with the built SVG URL. Each part is exported only if the URL is valid on S3.