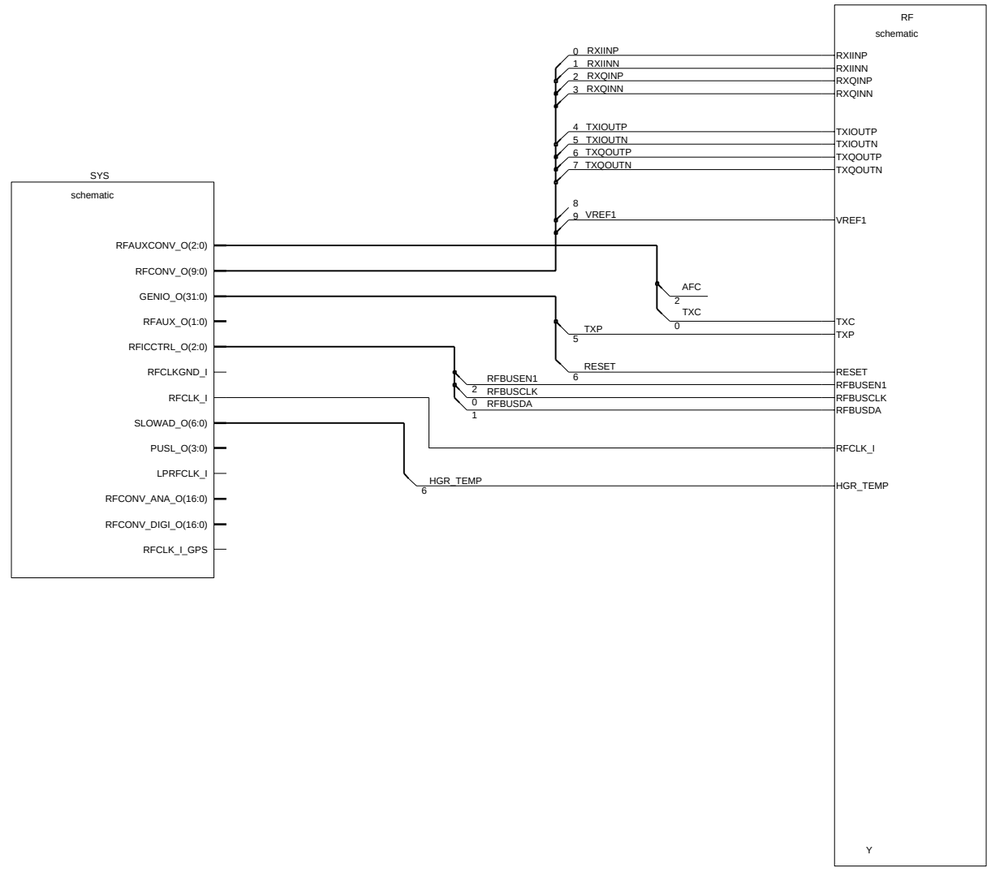
8 - SCHEMATICS

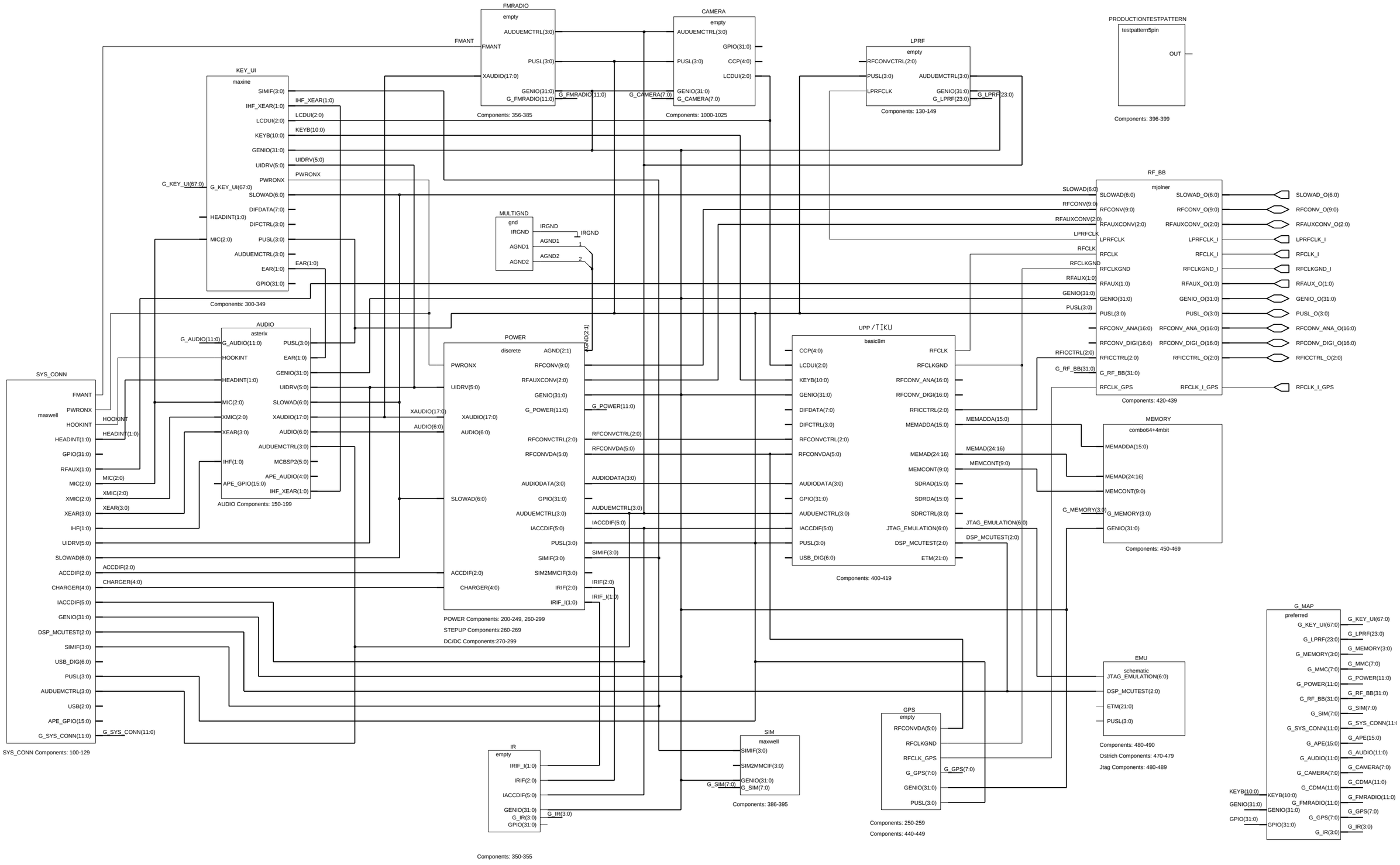
Table of Contents

Title: Top Sheet

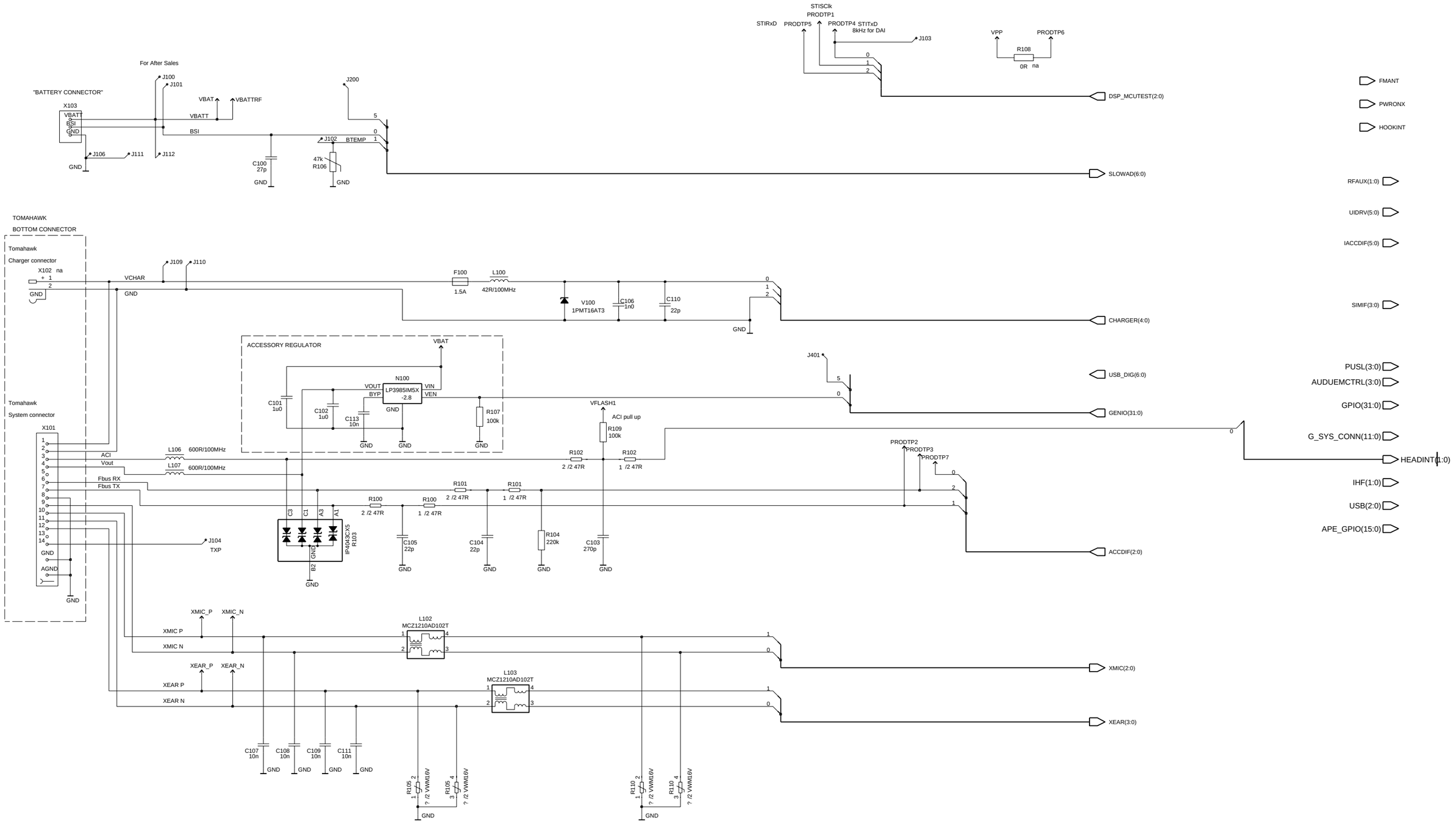
CBB _OVERVIEW		MODEL	CBB_VERSION
SYS_CONN		MAXWELL	SYS_6.1
KEY_UI		MAXINE	SYS_6.1
AUDIO		MAXWELL	SYS_6.1
FMRADIO		EMPTY	SYS_6.1
MULTIGND		GND	SYS_6.1
POWER		DISCRETE	SYS_6.1
	PWRFILTER	LIGHT	SYS_6.1
	DC_DC	EMPTY	SYS_6.1
	REG_CAP	MAXWELL	SYS_6.1
	PWR_RES	THERM1	SYS_6.1
IR		EMPTY	SYS_6.1
CAMERA		EMPTY	SYS_6.1
LPRF		EMPTY	SYS_6.1
UPP		BASIC8M	SYS_6.1
	UPPFILTER	DISCRETE	SYS_6.1
SIM		MAXWELL	SYS_6.1
GPS		EMPTY	SYS_6.1
PRODUCTIONSPATTERN		TESTPATTERN 5PIN	SYS_6.1
	MODULE_ID	MODULE_ID	SYS_6.1
RF_BB		MJOLNER	SYS_6.1
MEMORY		COMBO64+4MBIT	SYS_6.1
	MEMFILTER	NOVFLASH1CAP	SYS_6.1
	MEMWING	EMPTY	SYS_6.1
	MEMEXTENSION	EMPTY	SYS_6.1
EMU		SCHEMATIC	SYS_6.1
	JTAG	TESTPOINT	SYS_6.1
	OSTRICH	TESTPOINT	SYS_6.1
	ETM	EMPTY	SYS_6.1



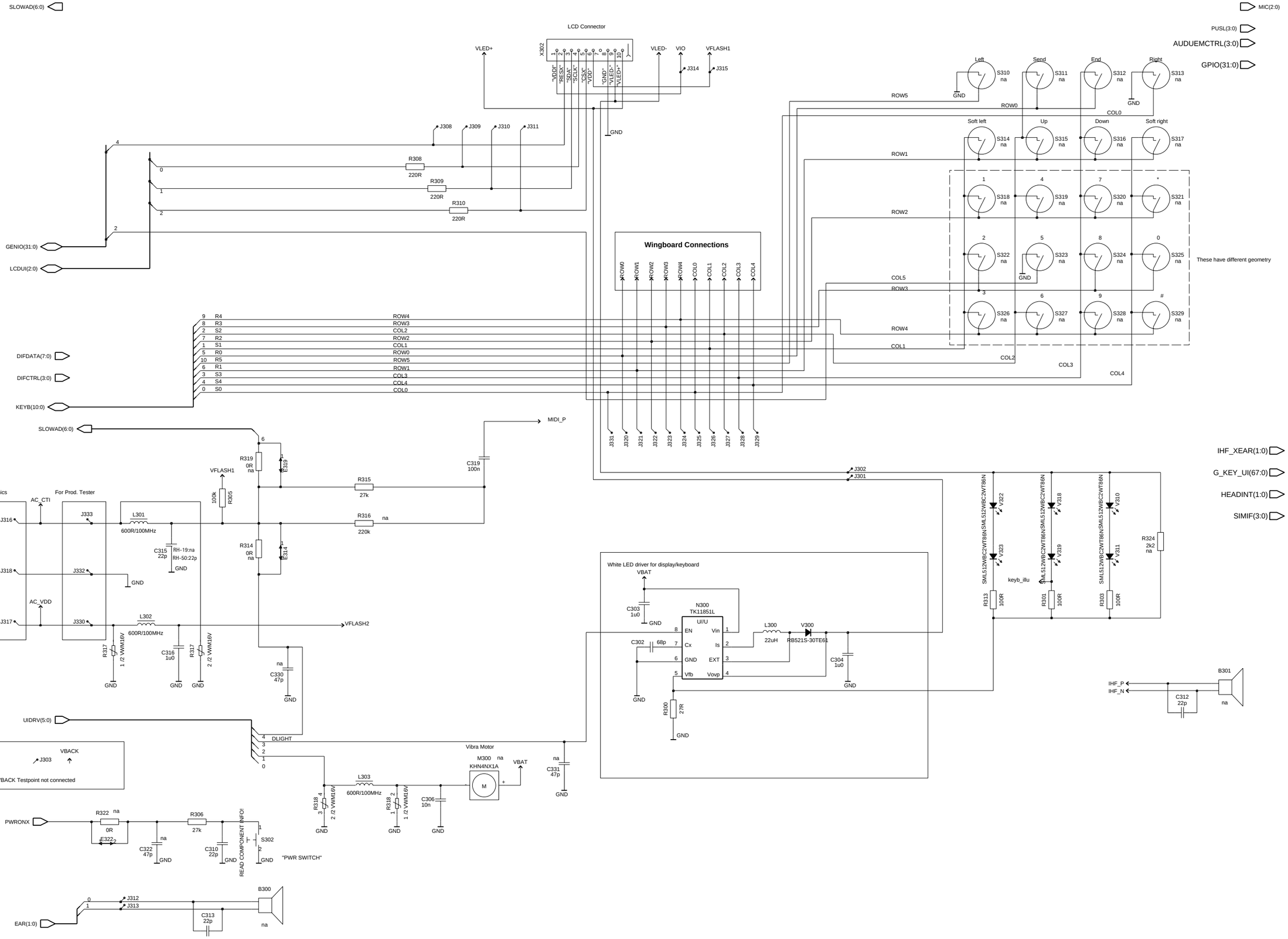
Title: DCT4 Common Baseband Schematic (Top Level)



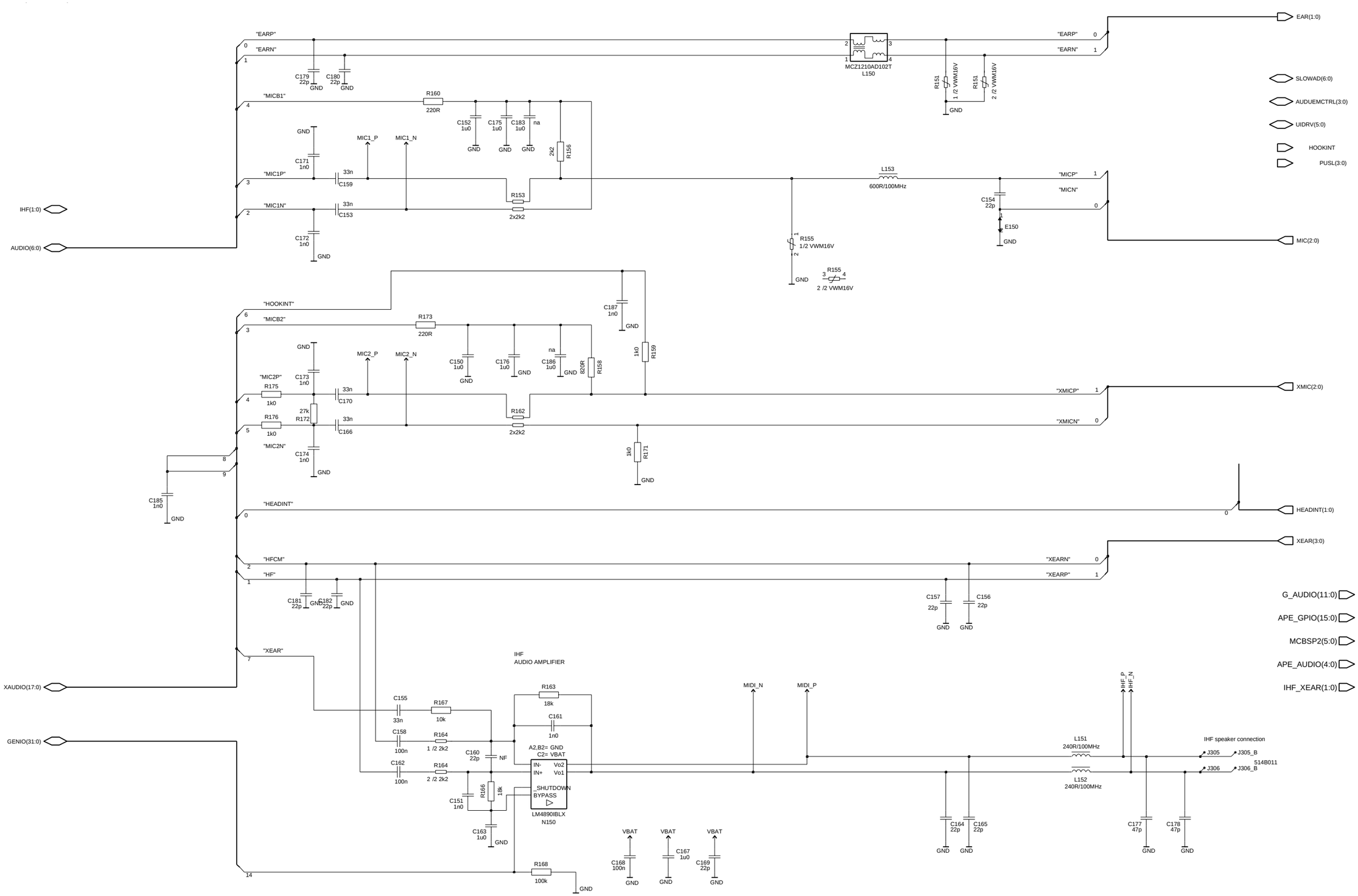
Title: RH-19/RH-50 System Connector



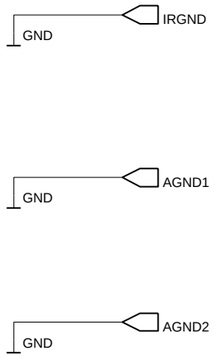
Title: RH-19/RH-50 User Interface



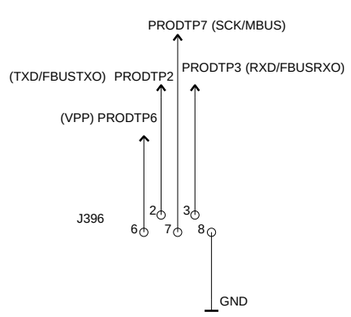
Title: RH-19/RH-50 Audio

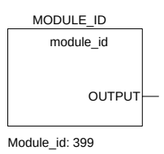


Title: MultiGND Synbol Bypass

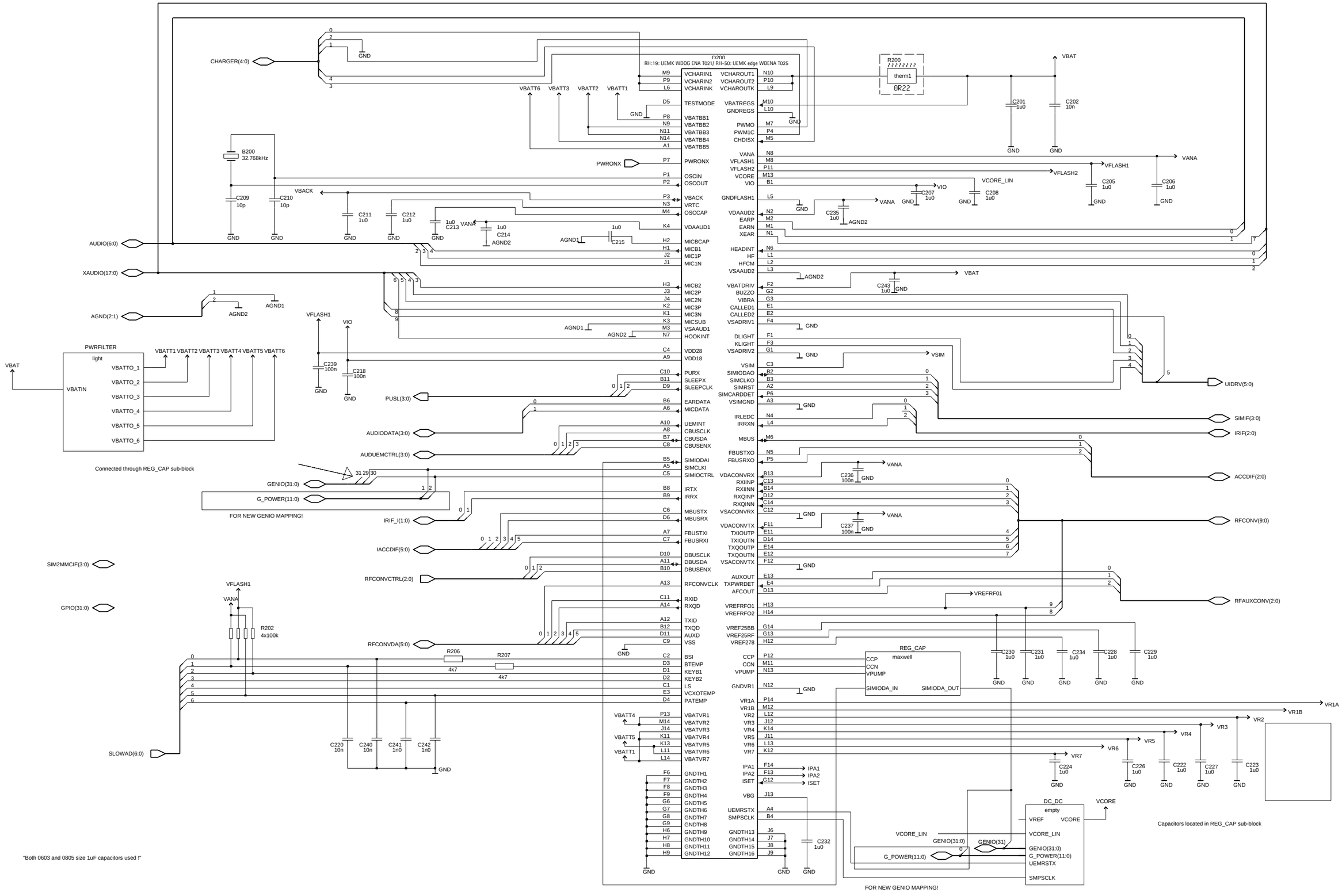


Title: 5 pin Production Test Pattern

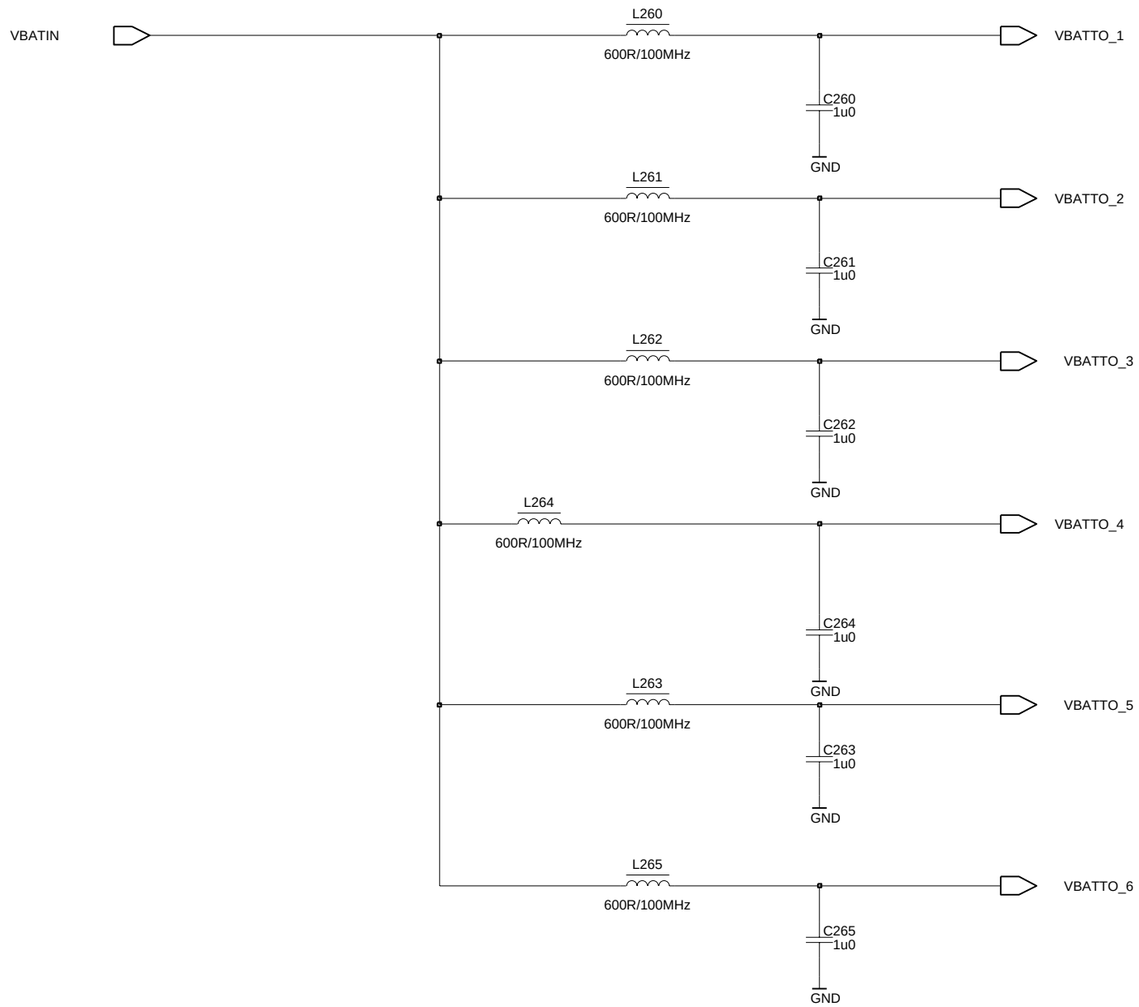




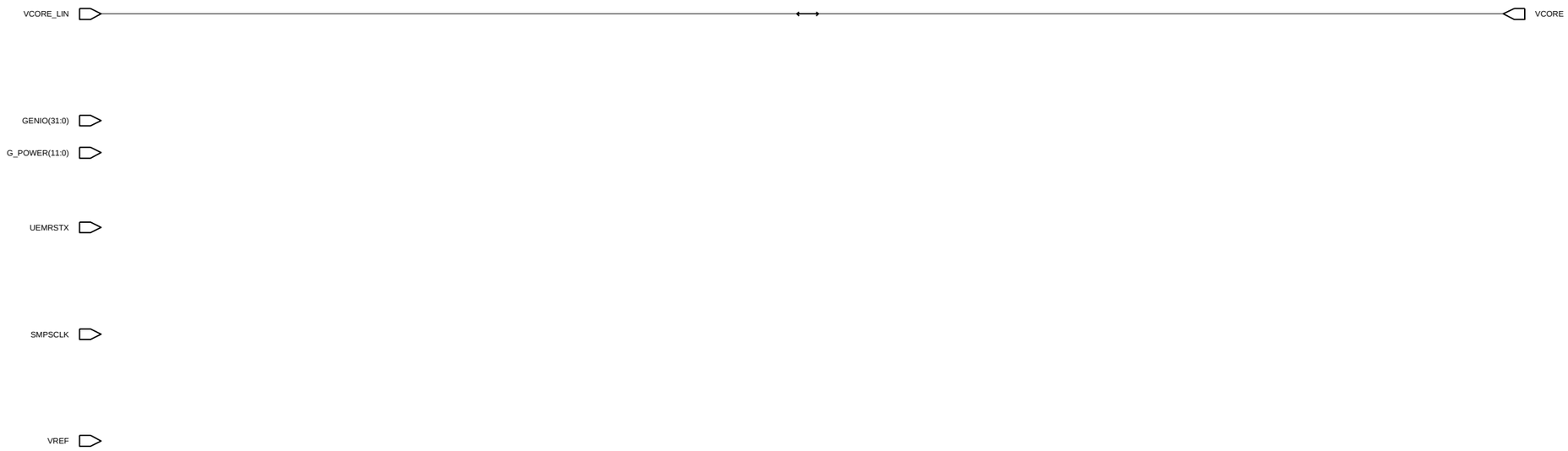
Title: Discrete Power Management



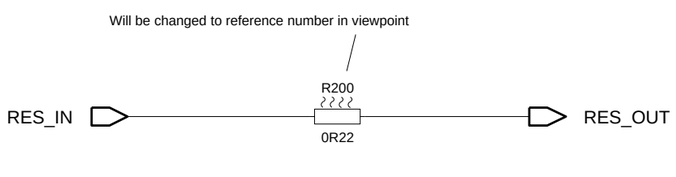
Title: Light Filtering



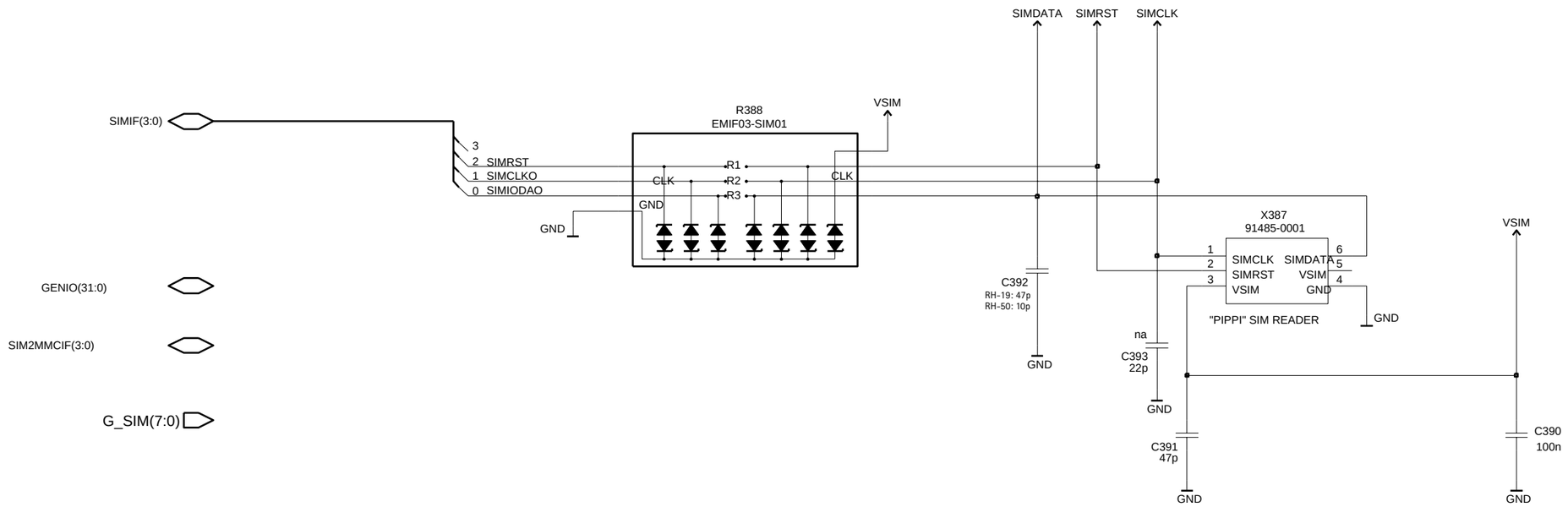
Title: DC/DC Convertor



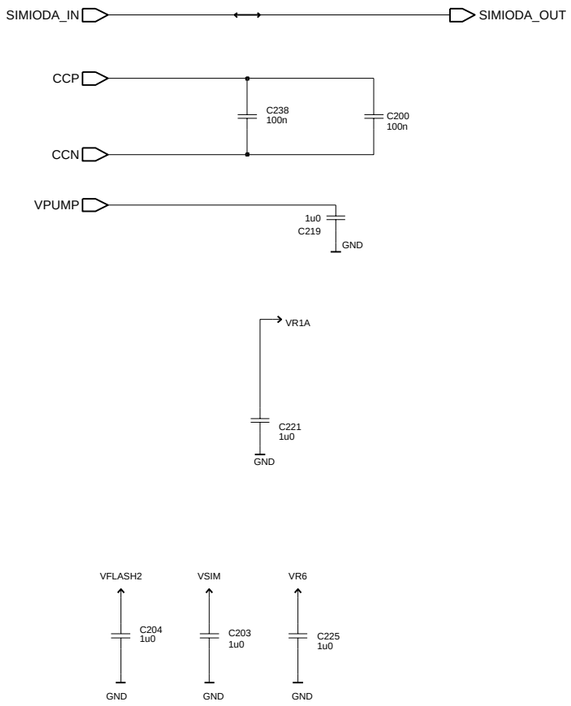
Title: PWR Resistor 0805 thermal1

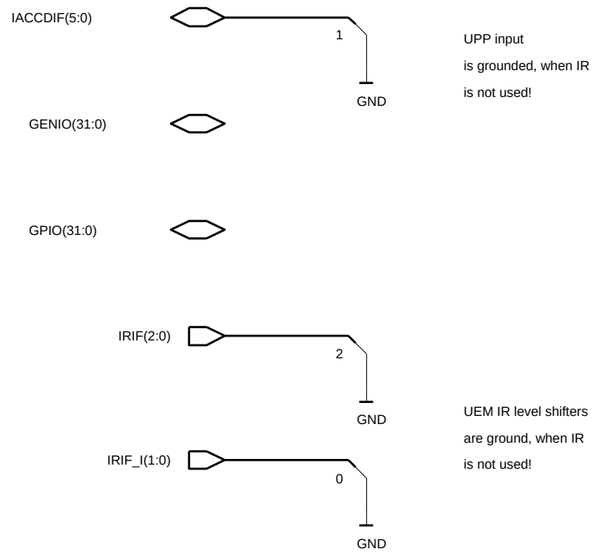


Title: SIM Reader for RH-19/RH-50



Title: RH-19/RH-50 Filters / No IR Interface present in this project

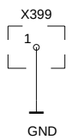




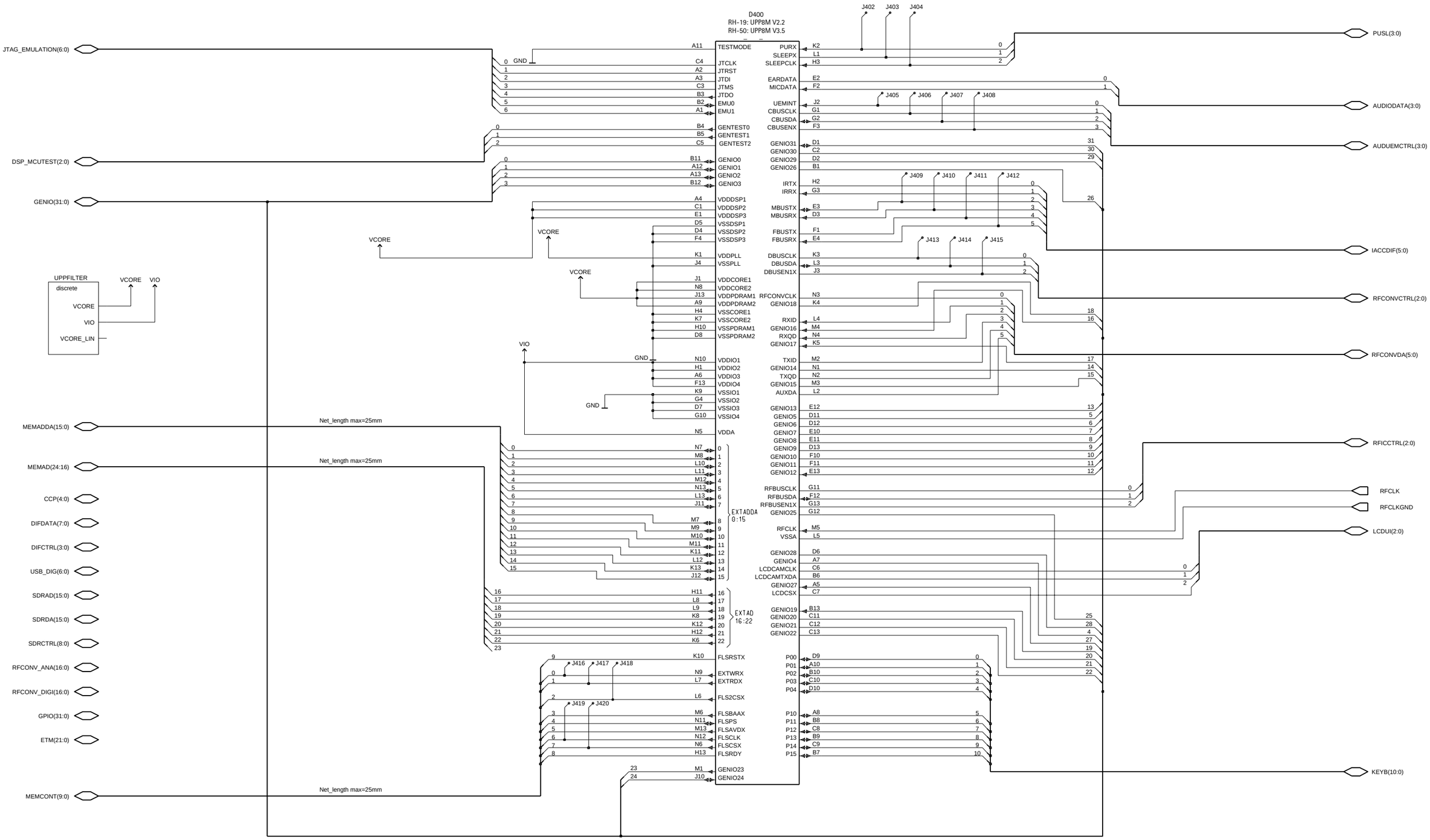
UPP input
is grounded, when IR
is not used!

UEM IR level shifters
are ground, when IR
is not used!

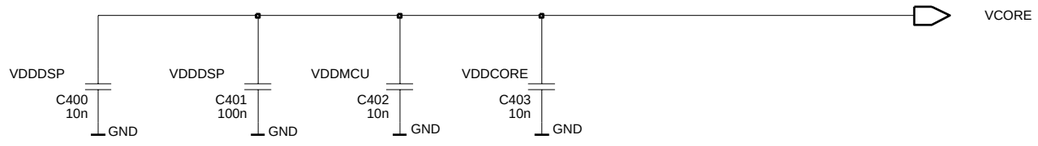
Title: Module ID

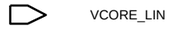


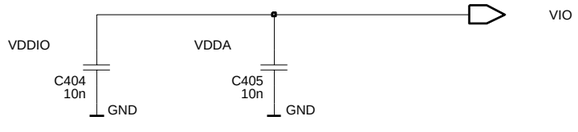
Title: UPP 8M Implementation



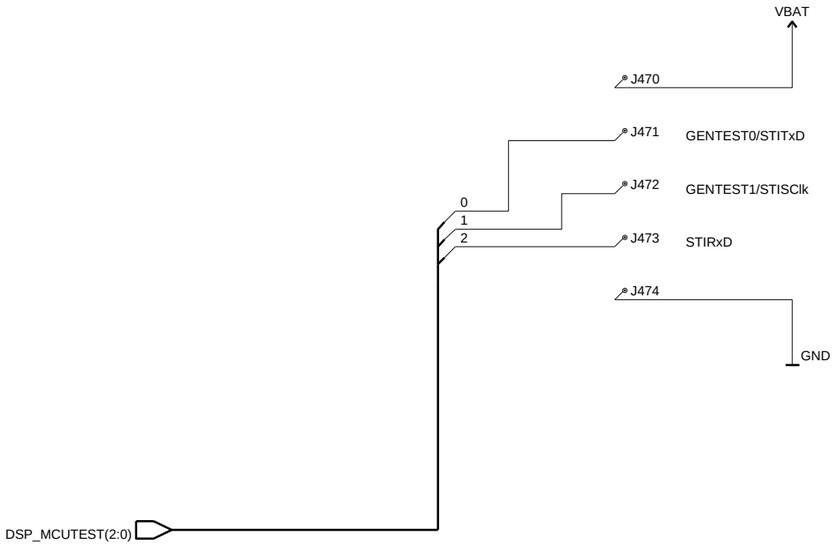
Title: Discrete Decoupling Capacitors for UPP



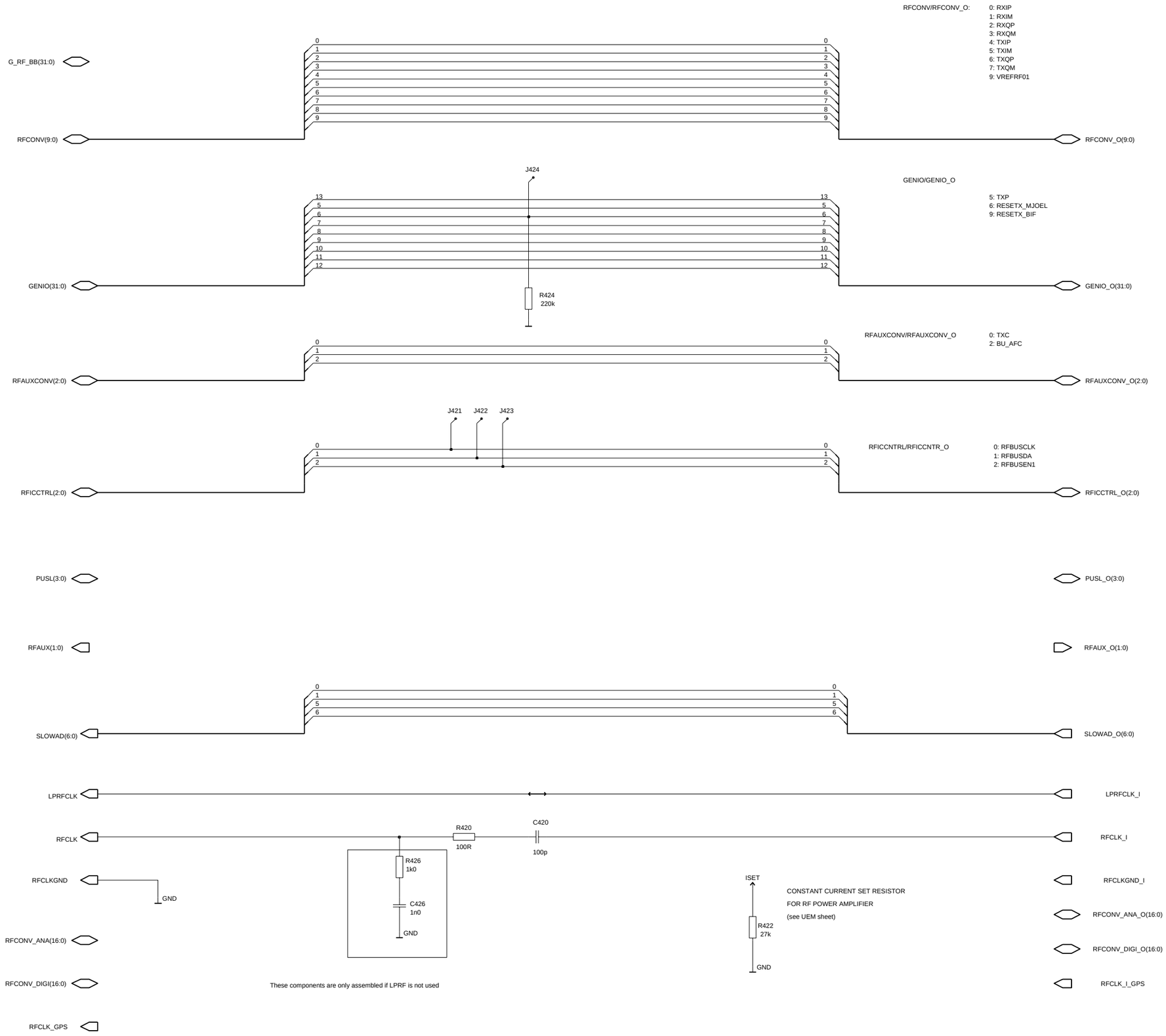




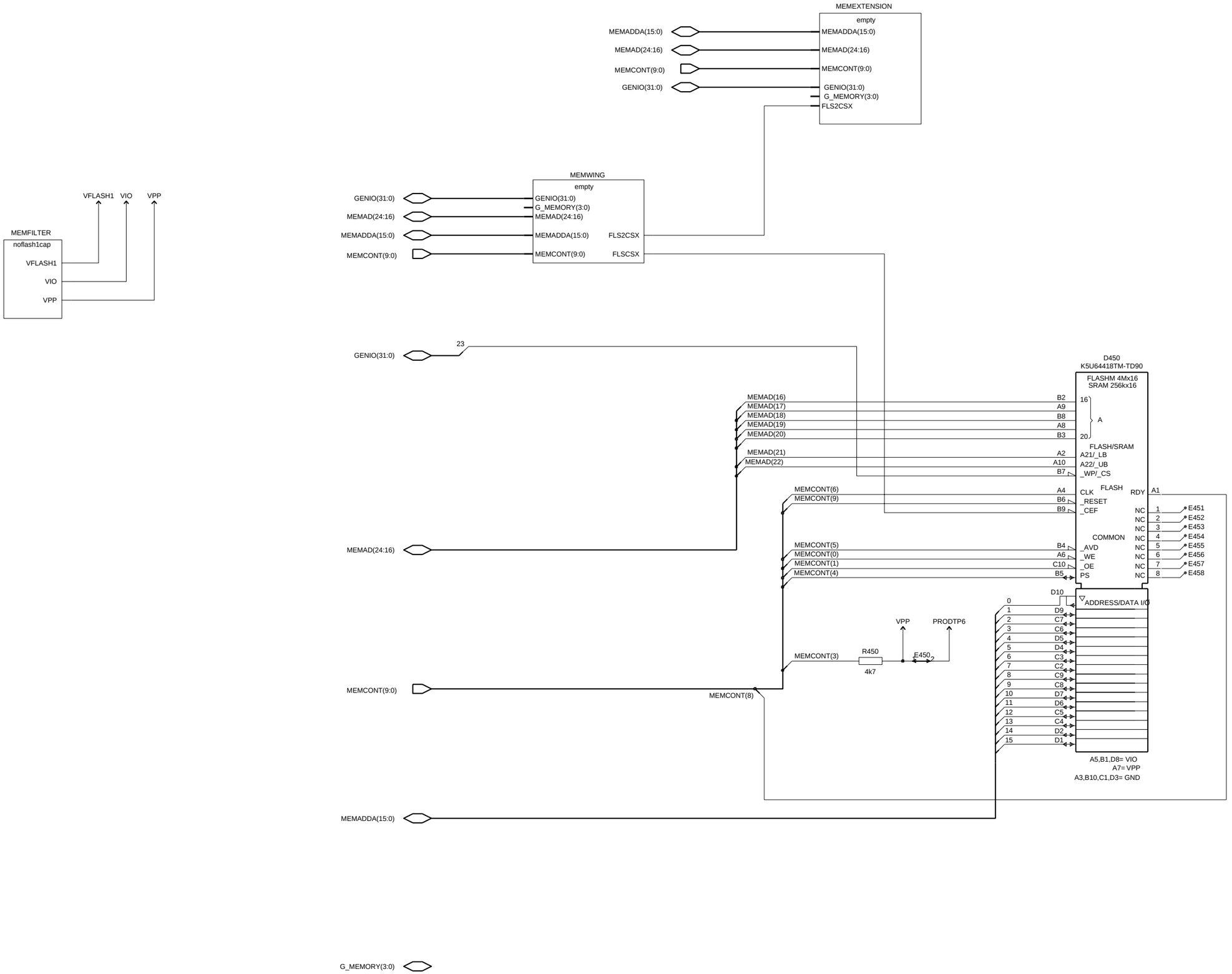
Title: Testpoints based Ostrich Inteface



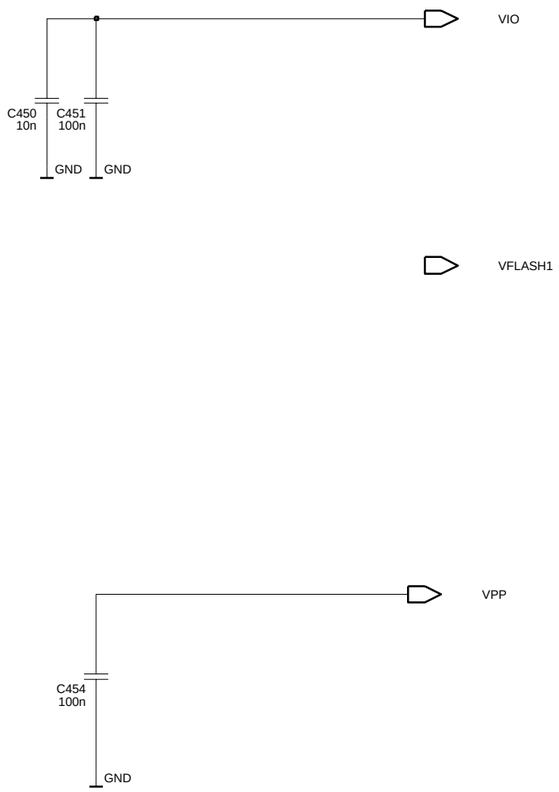
Title: GSM RF - Baseband Interface



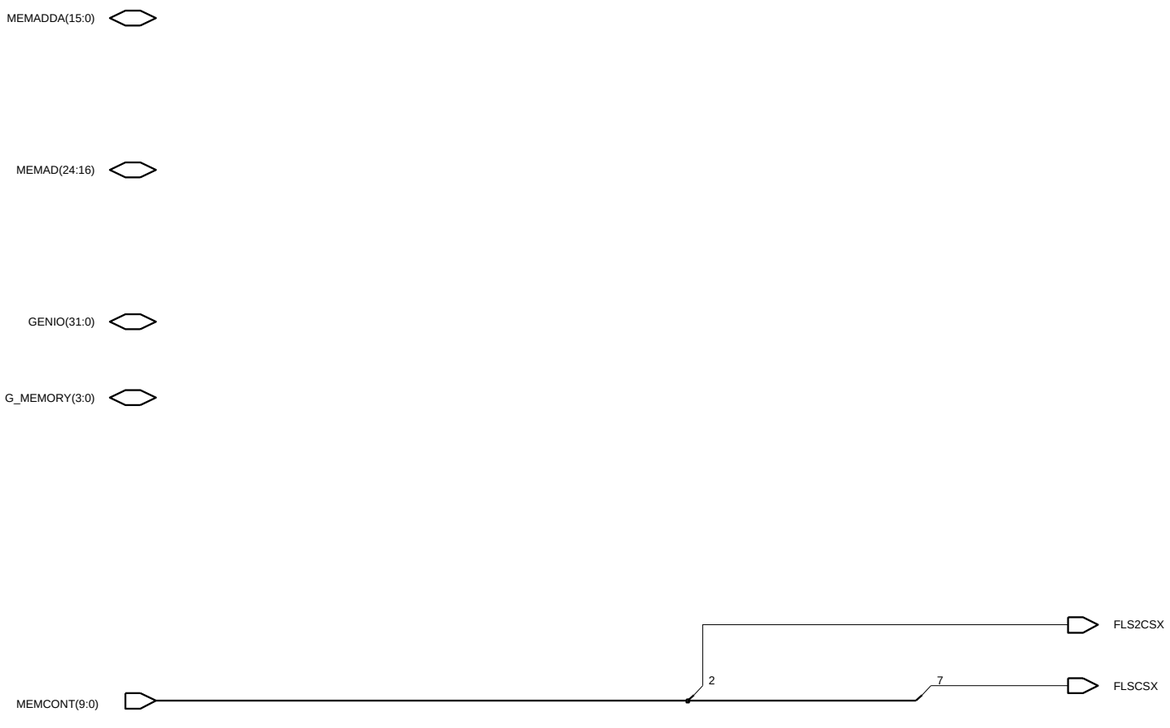
Title: Combo Memory 64 + 4 Mbit



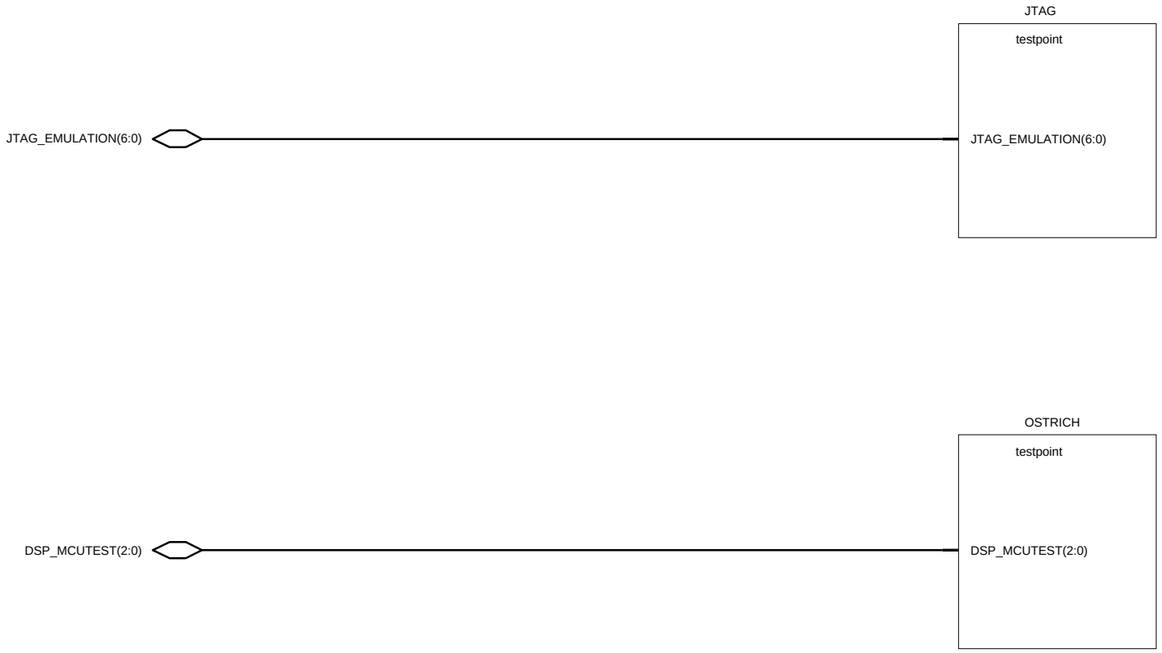
Title: Discrete Capacitors for Memory without VFlash1

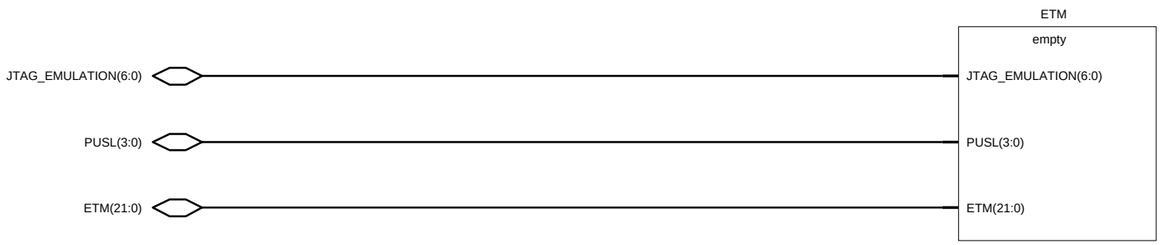


Title: Empty Wing Sheet

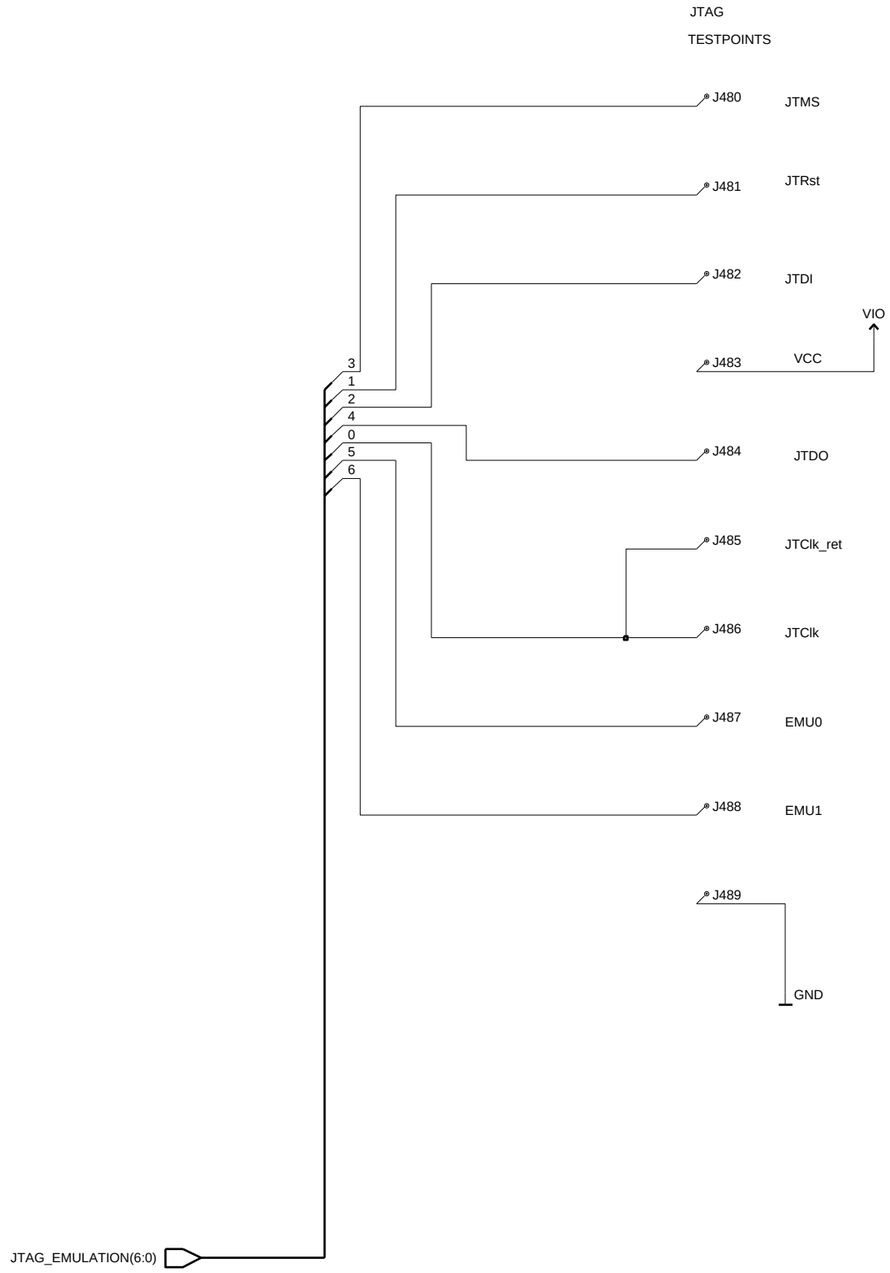


Title: Test and Emulator Inteface

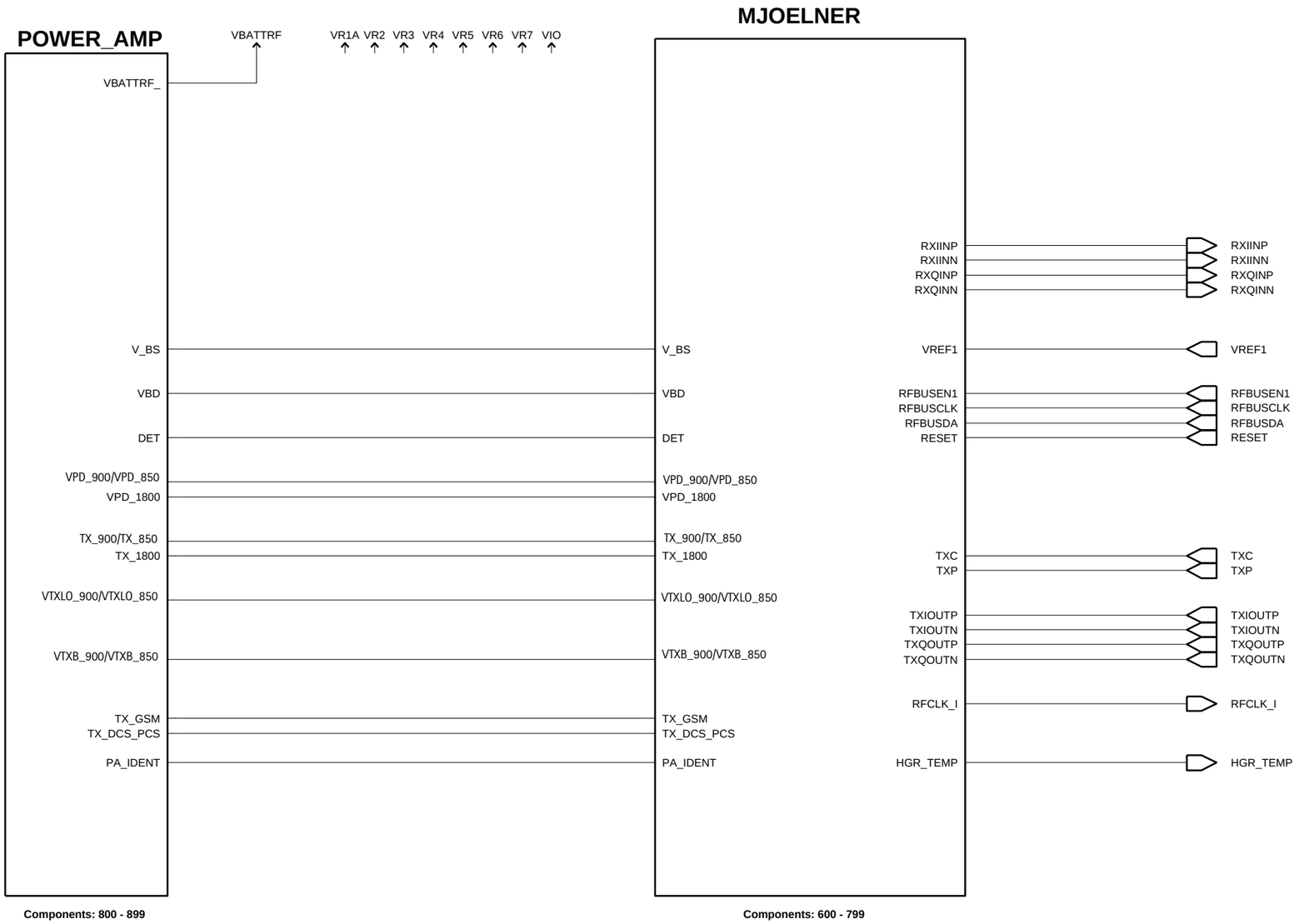




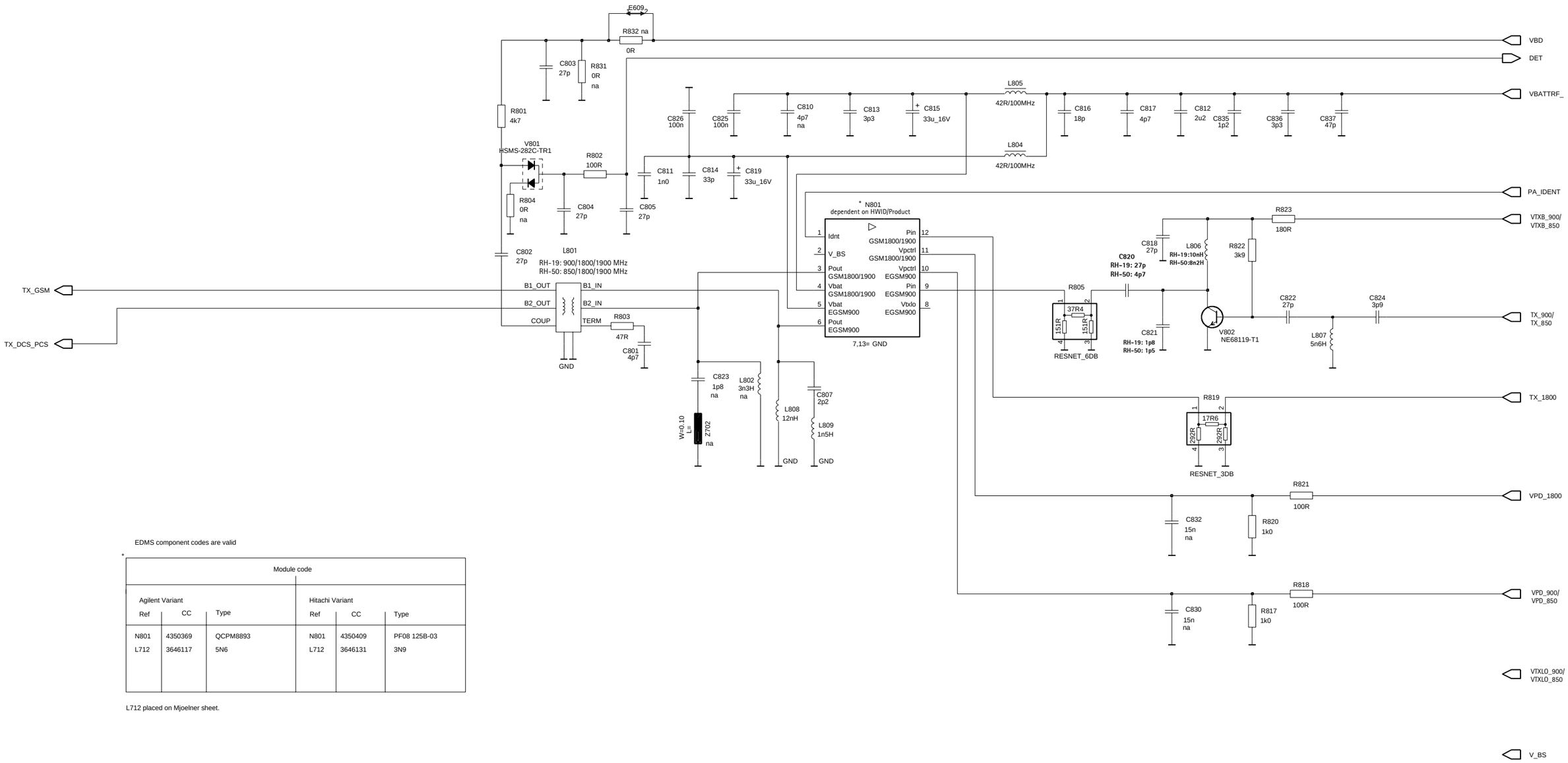
Title: Testpoints for JTAG Emulator



Title: RF Top Sheet



Title: Power Amplifier



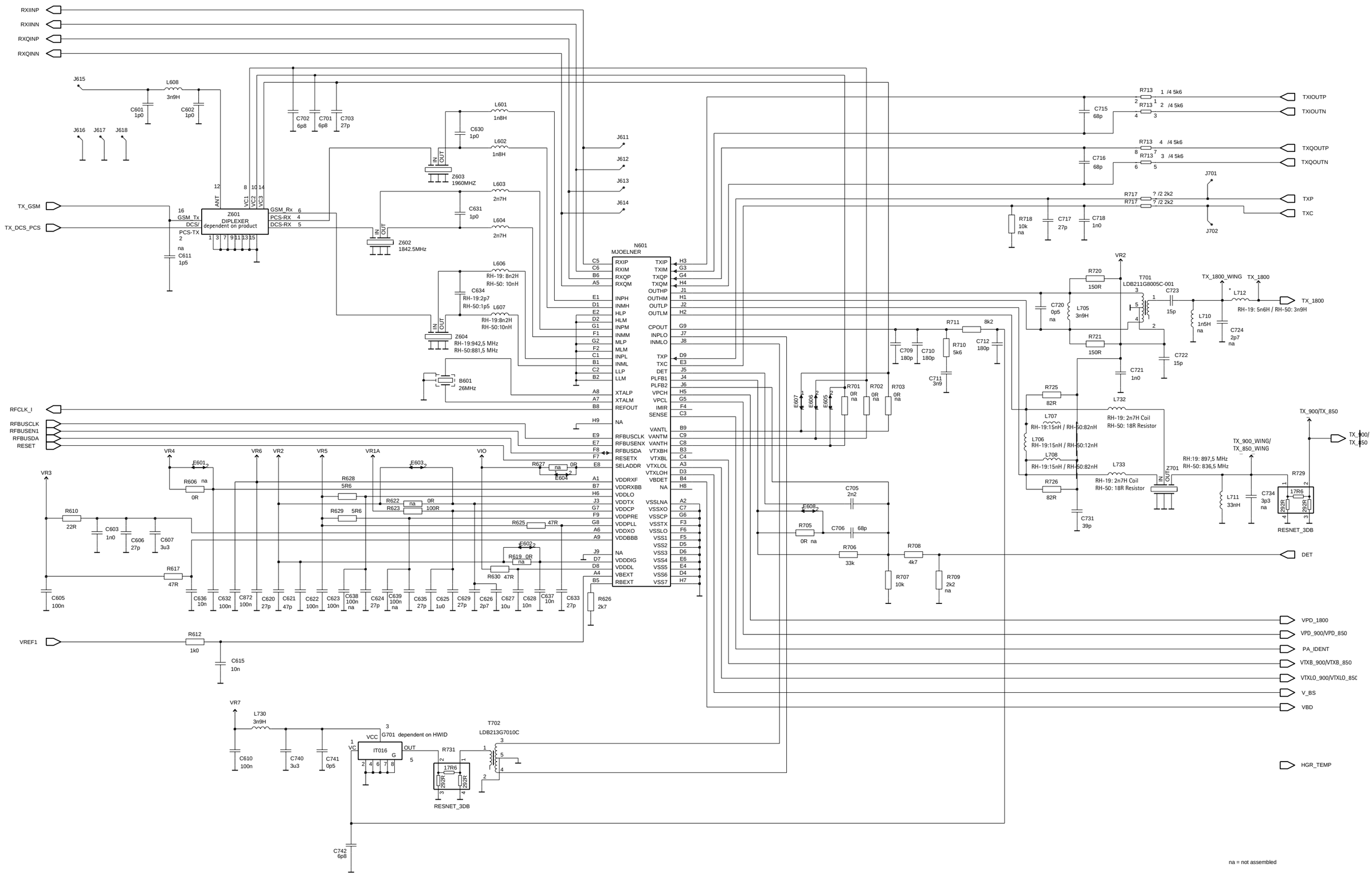
EDMS component codes are valid

*

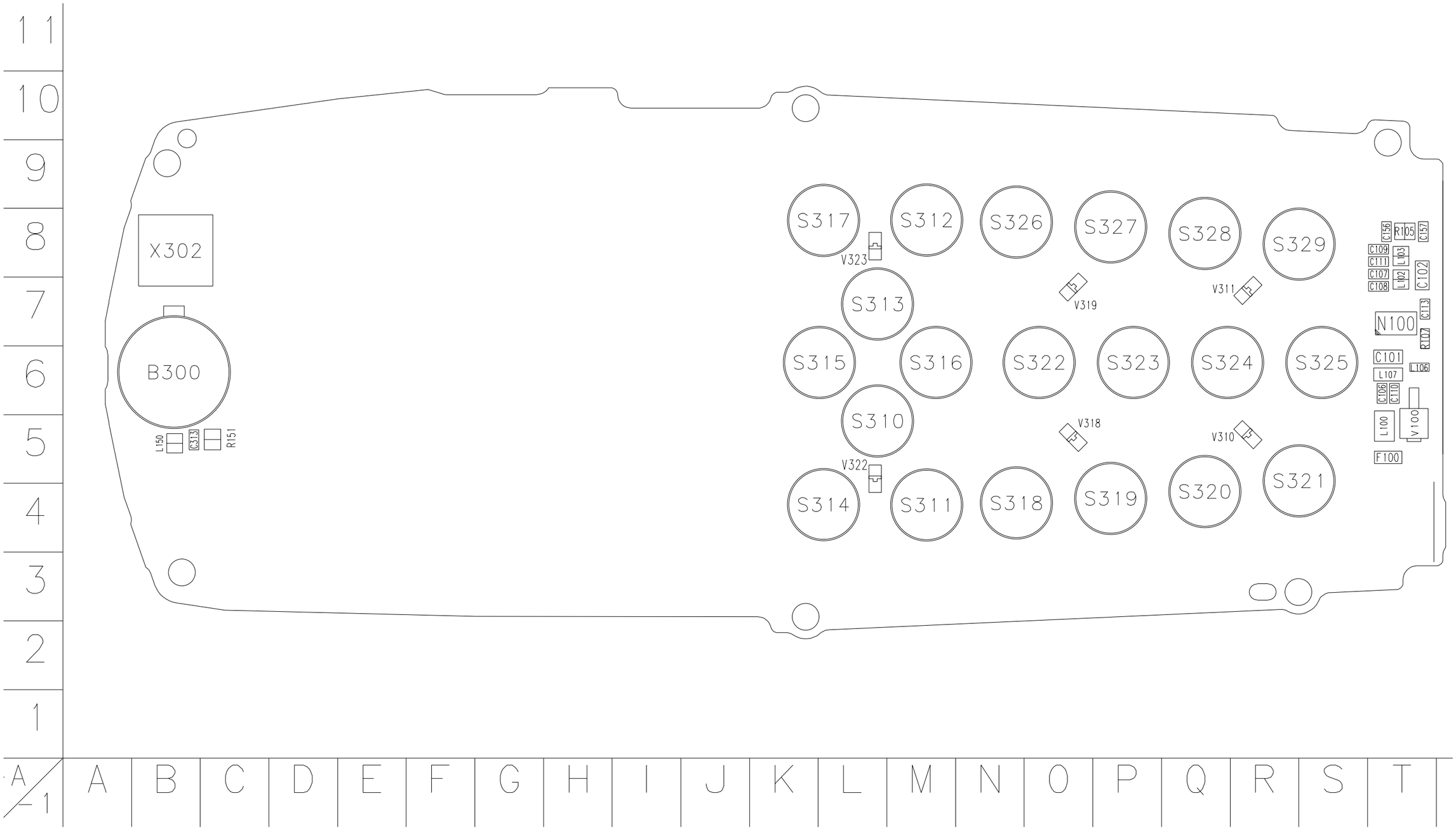
Module code					
Agilent Variant			Hitachi Variant		
Ref	CC	Type	Ref	CC	Type
N801	4350369	QCPM8893	N801	4350409	PF08 125B-03
L712	3646117	5N6	L712	3646131	3N9

L712 placed on Mjoelner sheet.

Title: Mjoelner



Component layout diagram, top



Component layout diagram, bottom

(Components in red = not assembled)