

Sheet	Ref.
TOP	
RF_ANT	2XX
AFE_TX	3XX
WB_AFE	4XX
WB_AFE2	5XX
A=GPS	6XX
AUDIO	7XX
IO_INTERF	8XX
POWER	9XX
POWER2	10XX
SIM/PROX	11XX
BT_WLAN	12XX
TAVOR_GPIO	13XX
TAVOR_MEM	14XX
TAVOR_SERV	15XX
IO_INTERF2	16XX
TAVOR_POW	17XX
KEYPAD 1	18XX
KEYPAD 2	19XX

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295 PHILLIP ST.
WATERLOO, ONTARIO CANADA

PHONE (519) 888-7465 FAX (519) 888-6986

TITLE
R011 Main PCB Schematic

Uses PCB-29964-009

DRAWN BY: Flor1da PDC

RWD CHECK: Flor1da PDC

MFG CHECK: UNKNOWN

EDITED BY: ma7loris

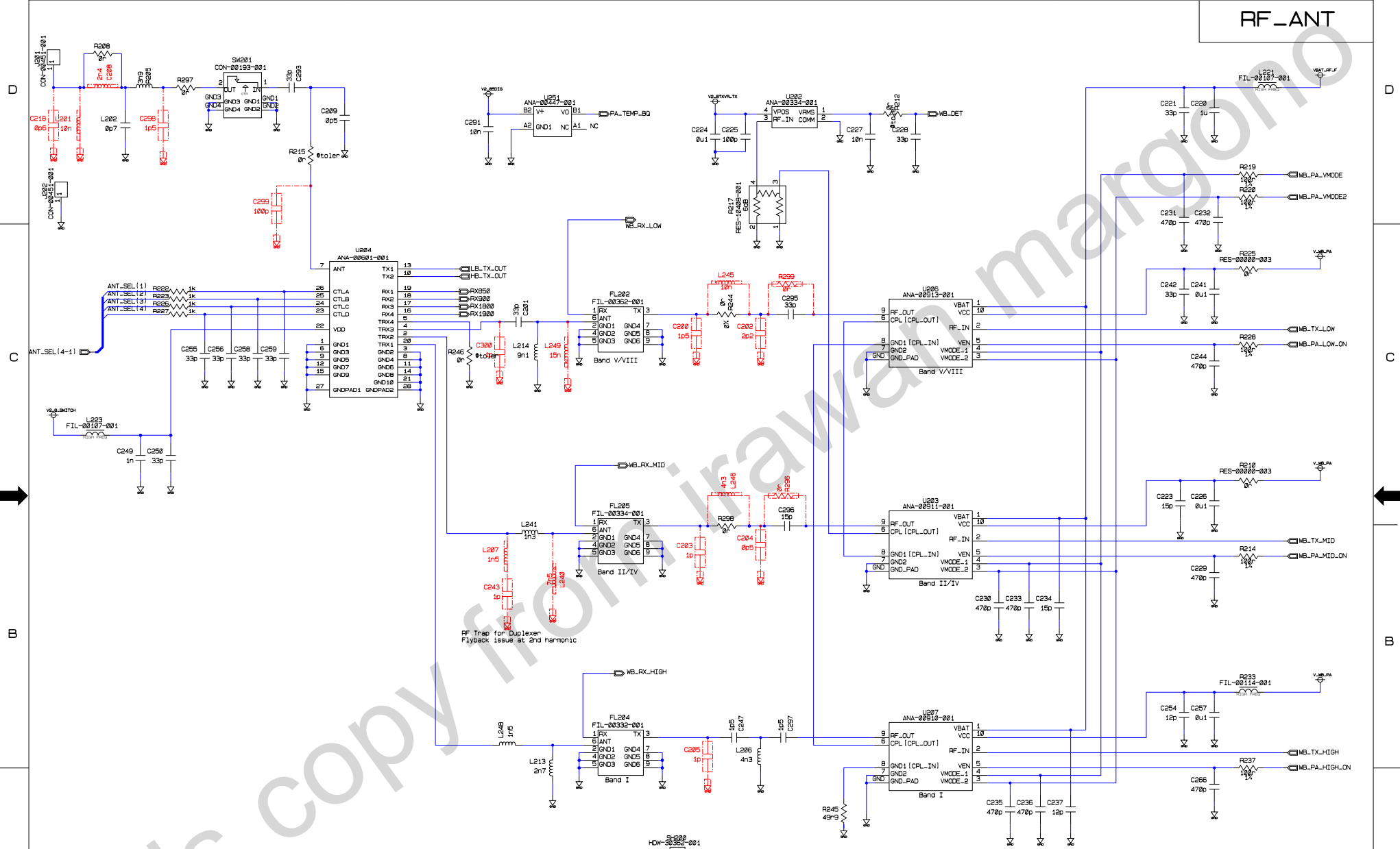
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SIZE: C

DRAWING No. SCH-29965-009

REV 6 SHEET 1 of 19

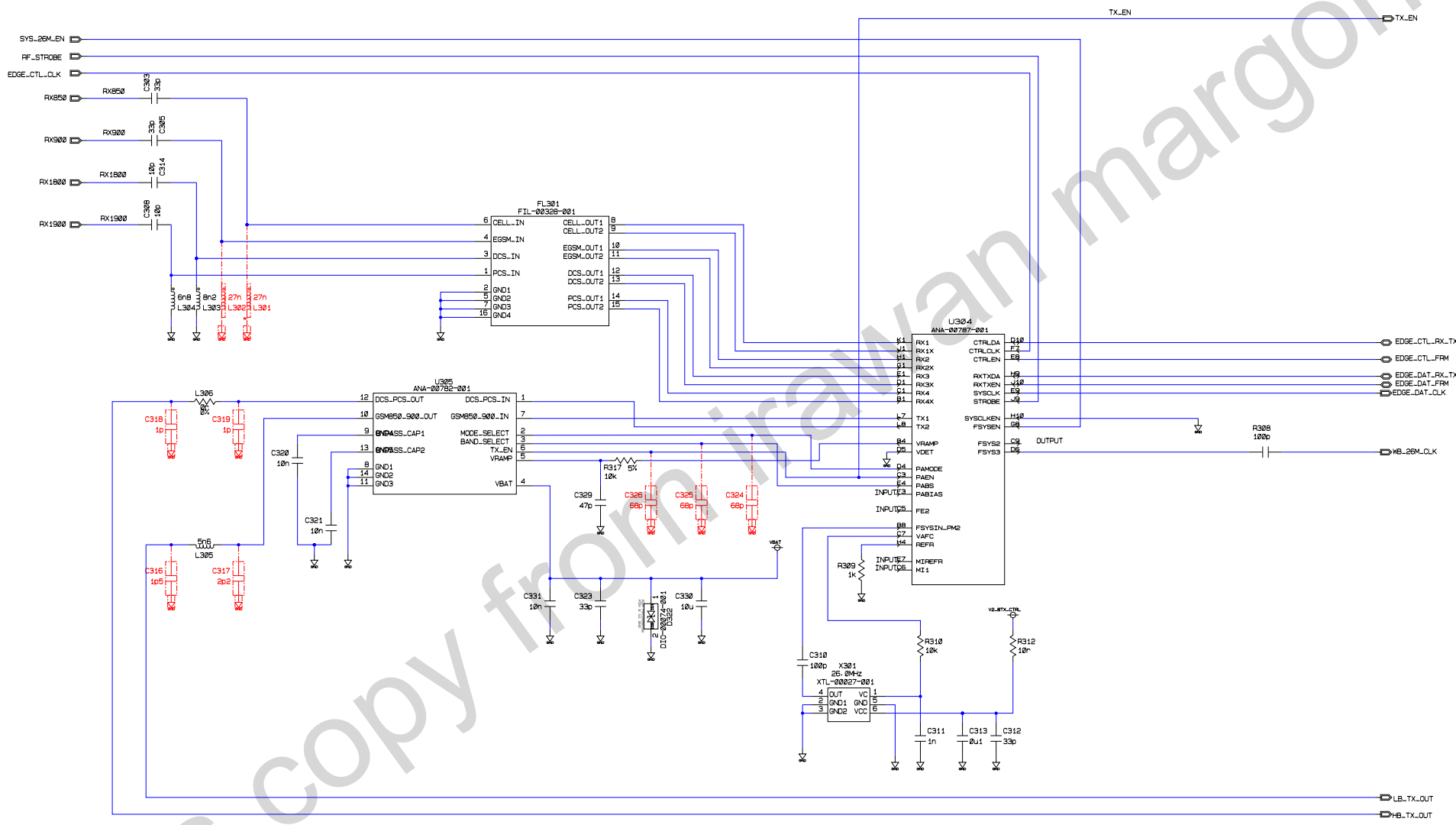
RF_ANT



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DRAWN BY	PHONE (519) 888-7465, FAX (519) 888-6806
RWD CHECK	TITLE
MFG CHECK	R011 Main PCB Schematic
EDITED BY:	Uses PCB-29964-009
LAST EDIT:	SIZE
2010/11/25 09:59:13	DRAWING No. SCH-29965-009
	REV 6 SHEET 2 of 19

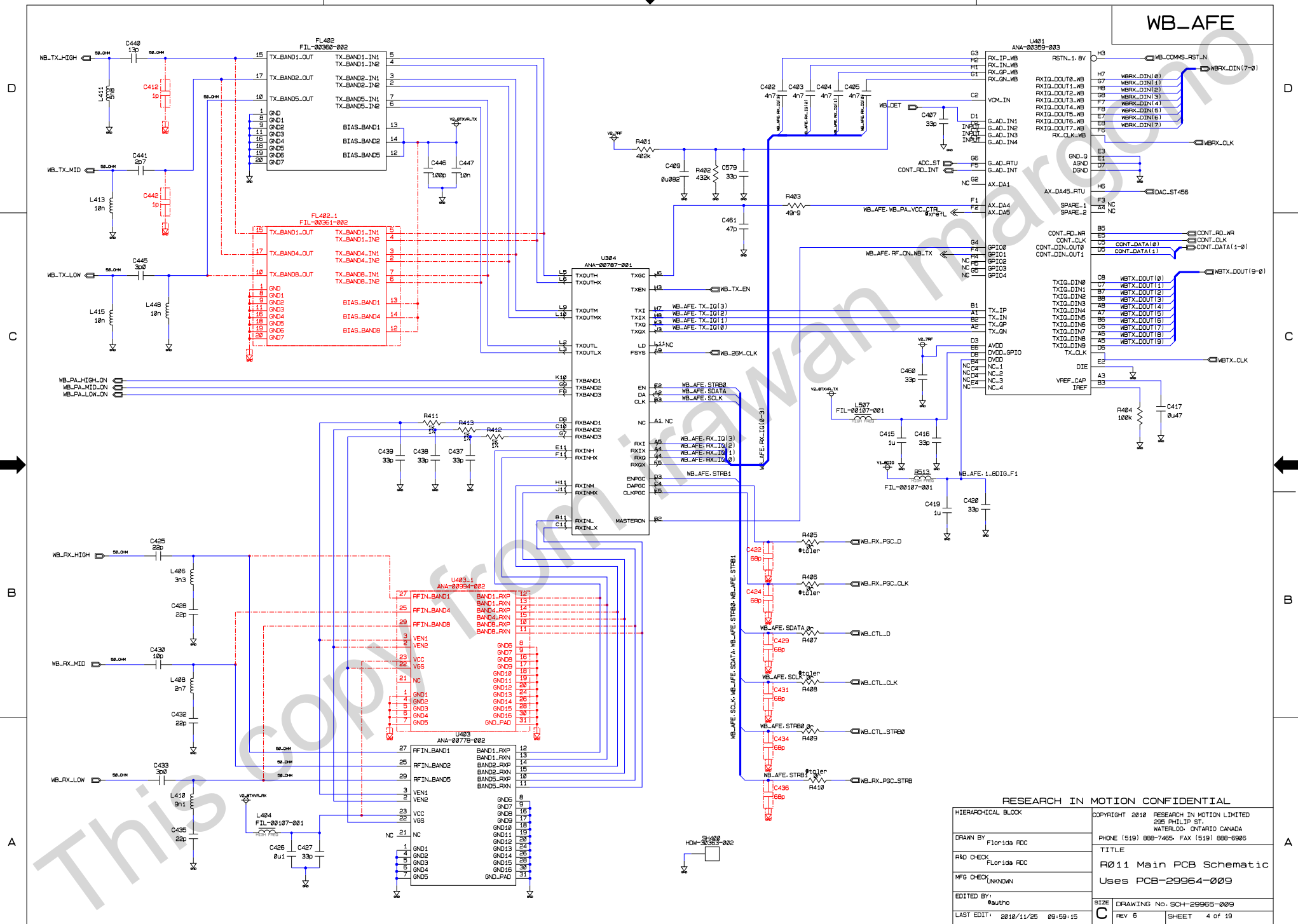
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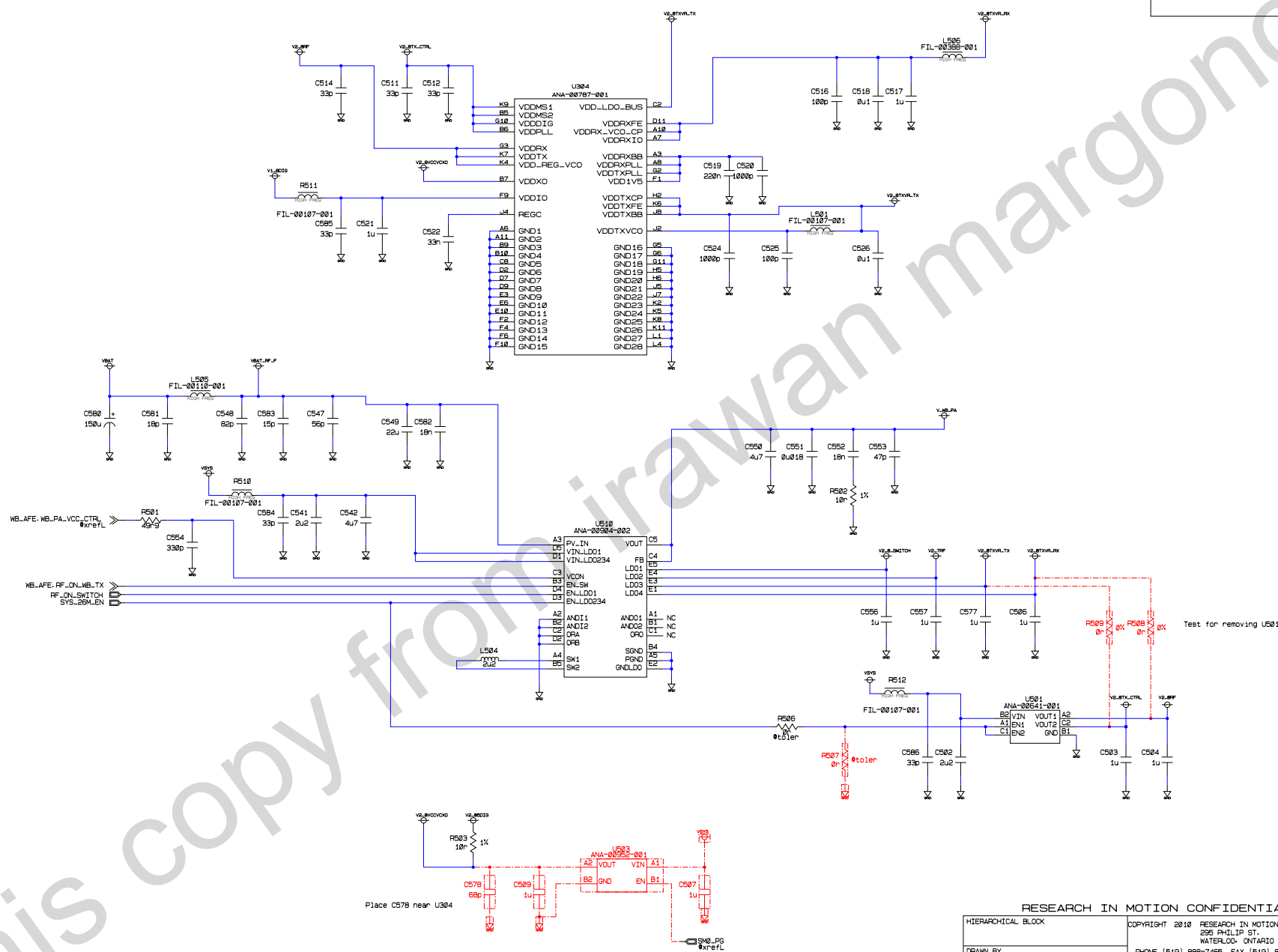
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DRAWN BY Florida RDC	PHONE (519) 888-7465 FAX (519) 888-6906
RAD CHECK Florida RDC	TITLE R011 Main PCB Schematic
MFG CHECK UNKNOWN	Uses PCB-29964-009
EDITED BY: maffores	SIZE DRAWING No. SCH-29965-009
LAST EDIT: 2010/11/25 16:42:56	REV 6 SHEET 3 of 19

WB_AFE

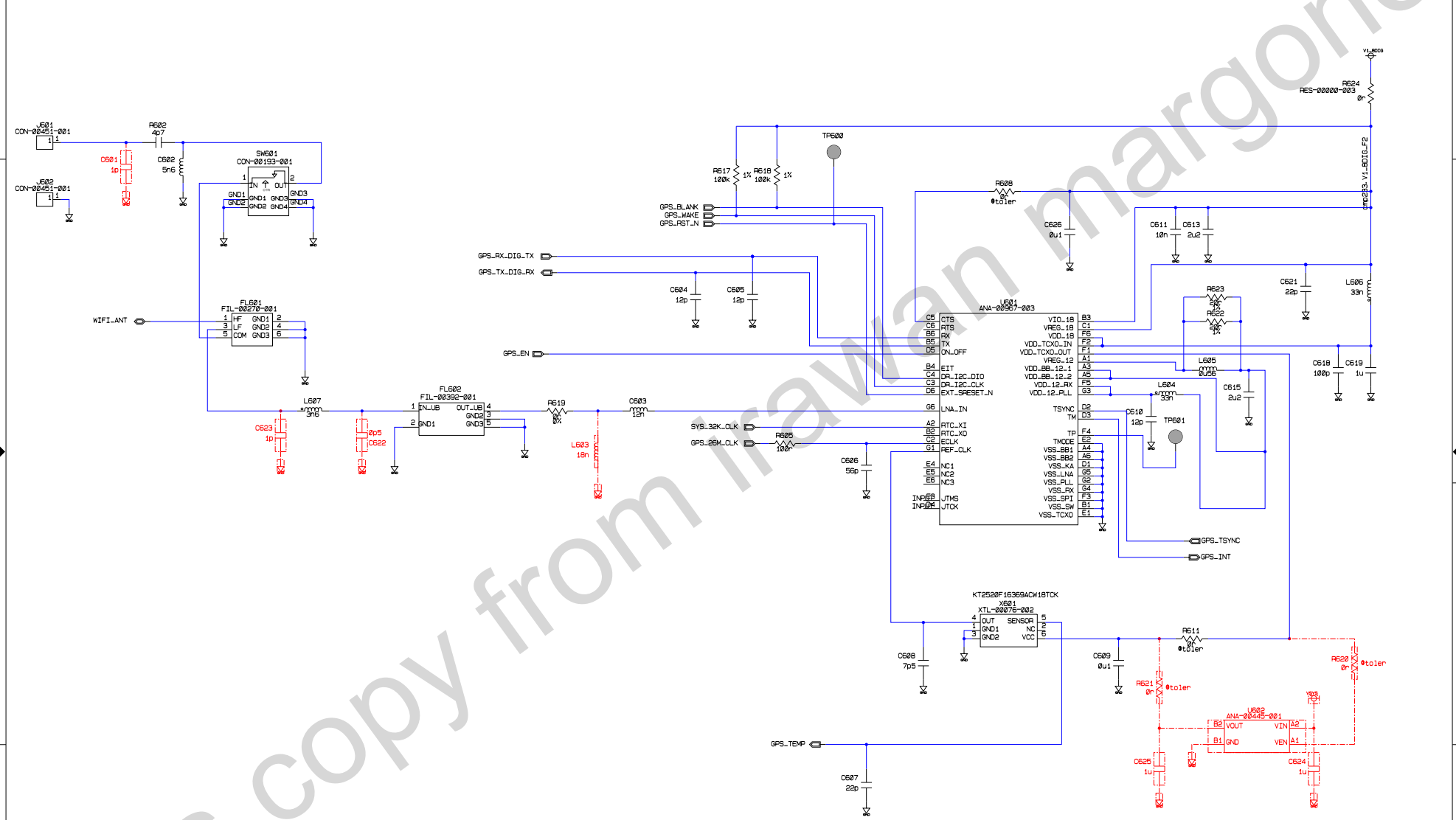


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DRAWN BY F1or1da PDC	PHONE (519) 888-7465, FAX (519) 888-6686
RWD CHECK F1or1da PDC	TITLE R011 Main PCB Schematic
MFG CHECK UNKNOWN	Uses PCB-29964-009
EDITED BY 0autho	SIZE DRAWING No. SCH-29965-009
LAST EDIT: 2010/11/25 09:59:15	REV 6 SHEET 4 of 19



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DRAWN BY: F1or1da PDC	PHONE (519) 886-7465 FAX (519) 886-6986
RWD CHECK: F1or1da PDC	TITLE: R011 Main PCB Schematic
MFG CHECK: UNKNOWN	Uses PCB-29964-009
EDITED BY: mar1ores	SIZE: DRAWING No. SCH-29965-009
LAST EDIT: 2010/11/25 09:59:16	REV 6 SHEET 5 of 19

A-GPS



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DRAWN BY: FJorlida RDC	TITLE
RWD CHECK: FJorlida RDC	R011 Main PCB Schematic
MFG CHECK: UNKNOWN	Uses PCB-29964-009
EDITED BY: @autho	SIZE
LAST EDIT: 2010/11/25 13:31:48	DRAWING No. SCH-29965-009
	REV 6 SHEET 6 of 19

D

D

C

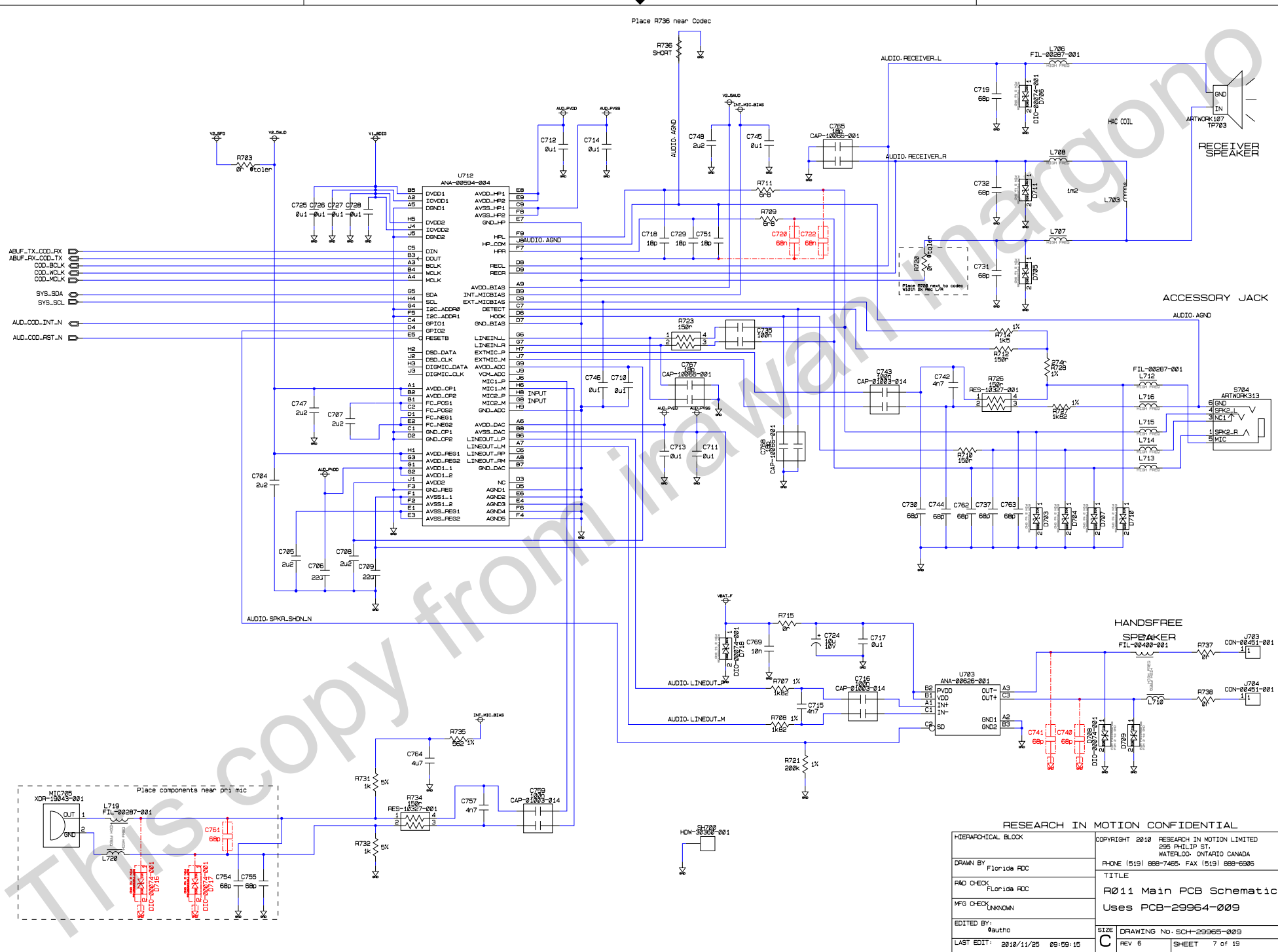
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B

B

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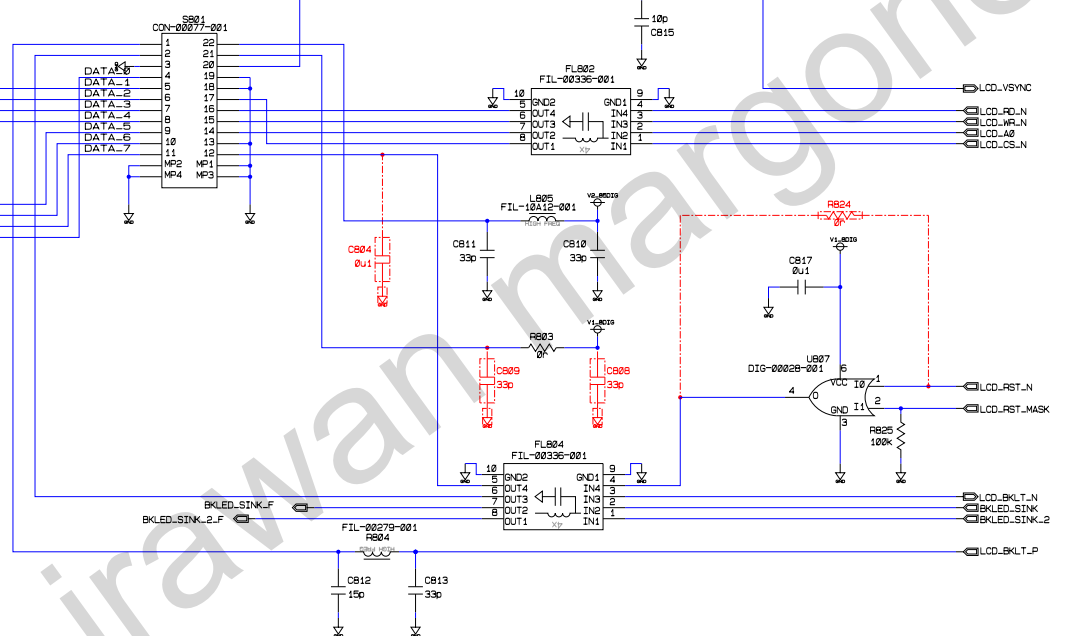
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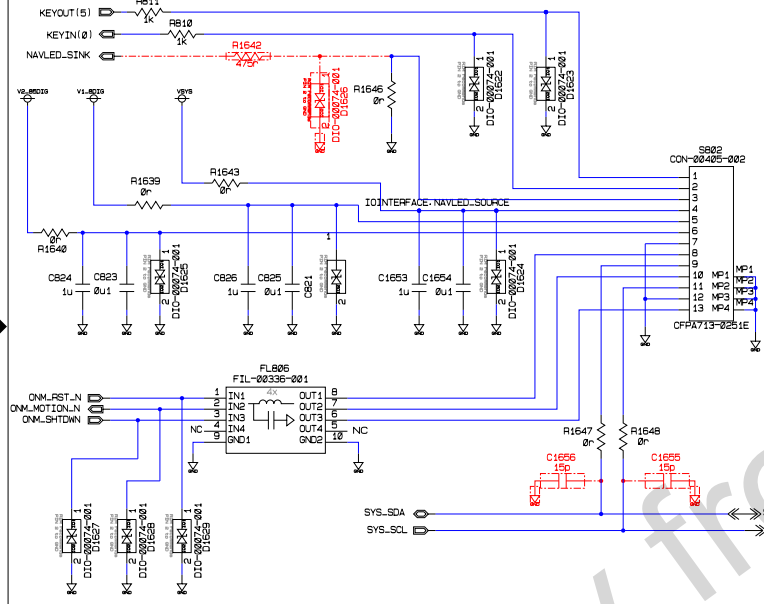
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DRAWN BY F1or1da PDC	TITLE R011 Main PCB Schematic Uses PCB-29964-009
RWD CHECK F1or1da PDC	SIZE DRAWING No. SCH-29965-009
MFG CHECK UNKNOWN	REV 6 SHEET 7 of 19
EDITED BY: @autho	
LAST EDIT: 2010/11/25 09:59:15	

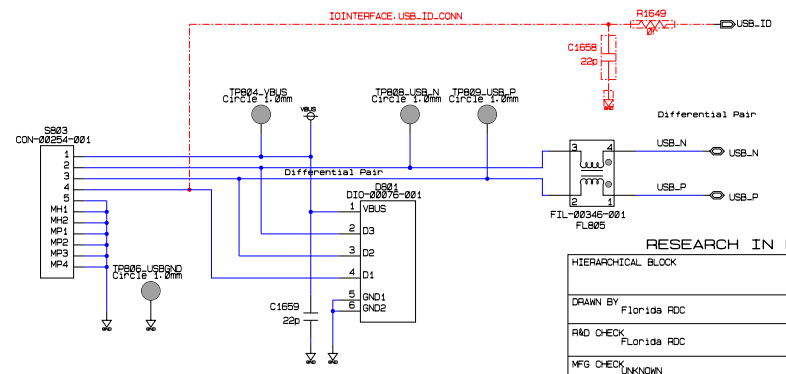
LCD CONNECTOR



OPTICAL NAVIGATION MODULE CONNECTOR

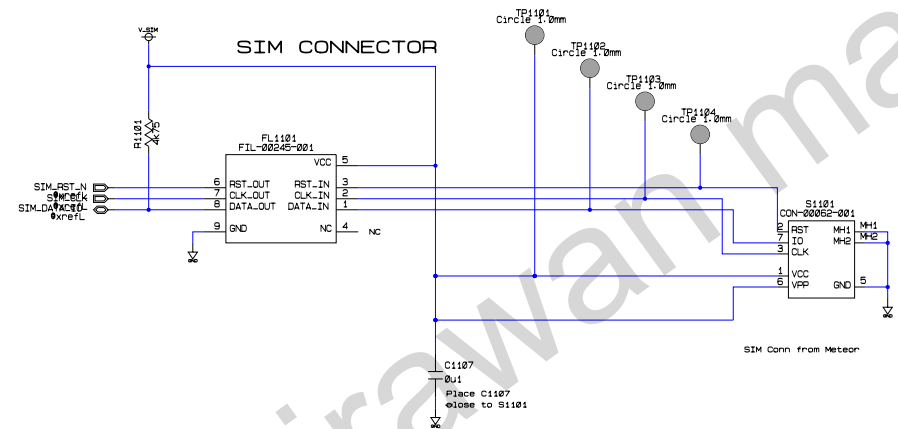


CHARGE/USB CONNECTOR

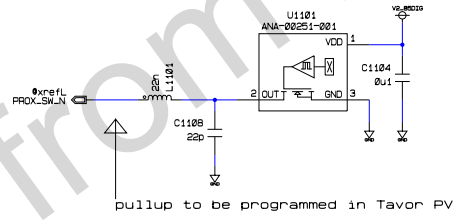


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DRAWN BY: F1or1da RDC	PHONE (519) 889-7465 FAX (519) 889-6986
RWD CHECK: F1or1da RDC	TITLE: R011 Main PCB Schematic
MFG CHECK: UNKNOWN	Uses PCB-29964-009
EDITED BY: @autho	SIZE: DRAWING No. SCH-29965-009
LAST EDIT: 2010/11/25 09:59:16	REV 6 SHEET 8 of 19



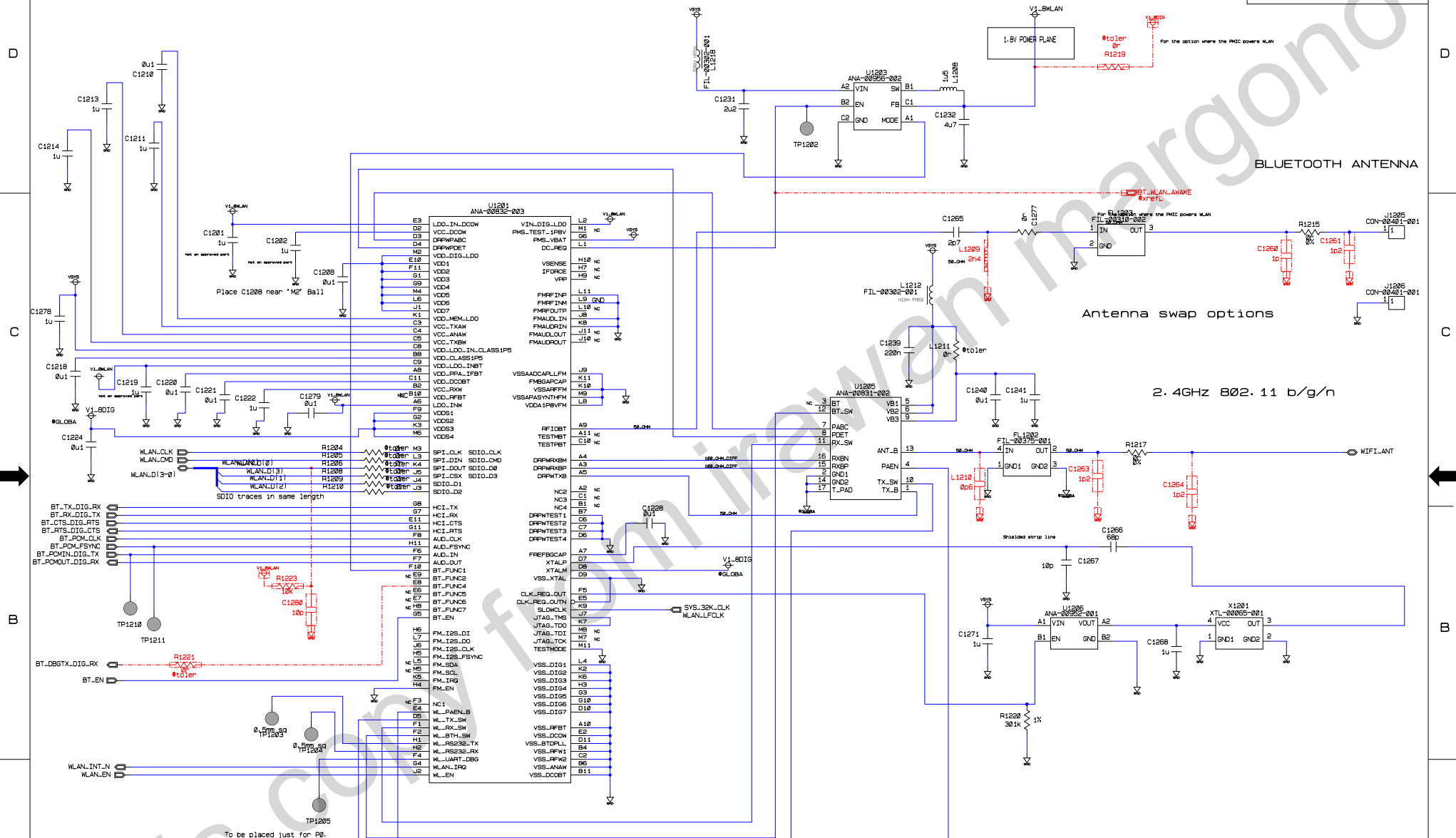
**HOLSTER MAGNET DETECTION
(hall effect proximity sensor)**



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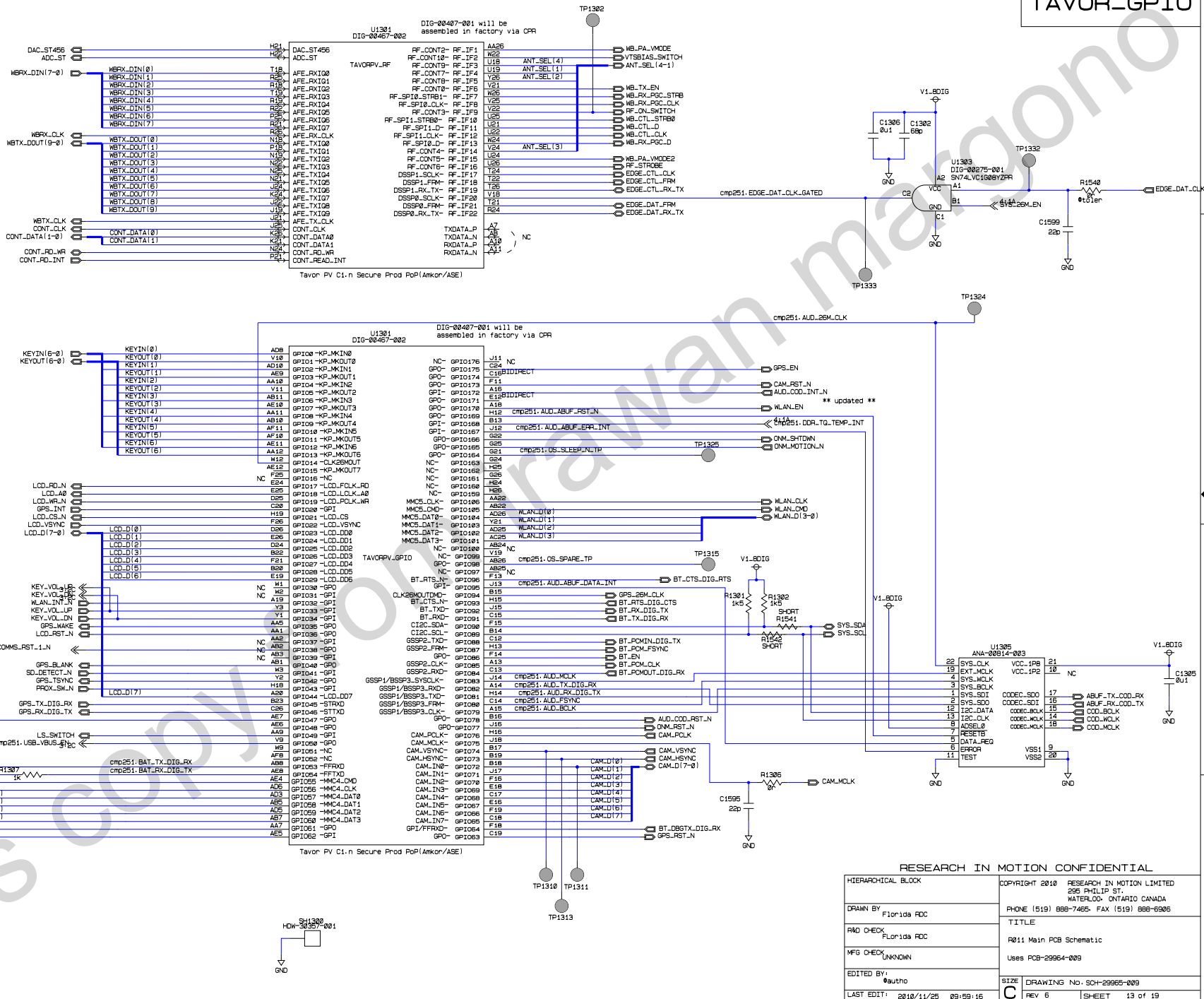
HIERARCHICAL BLOCK	COPYRIGHT 2010 RESEARCH IN MOTION LIMITED 295 PHILIP ST. WATERLOO, ONTARIO CANADA
DRAWN BY: F1or1da RDC	PHONE (519) 888-7465 FAX (519) 888-6986
RWD CHECK: F1or1da RDC	TITLE
MFG CHECK: UNKNOWN	R011 Main PCB Schematic Uses PCB-29964-009
EDITED BY: 0autho	SIZE
LAST EDIT: 2010/11/25 09:59:17	DRAWING No. SCH-29965-009
	REV 6 SHEET 11 of 19

BT_WLAN

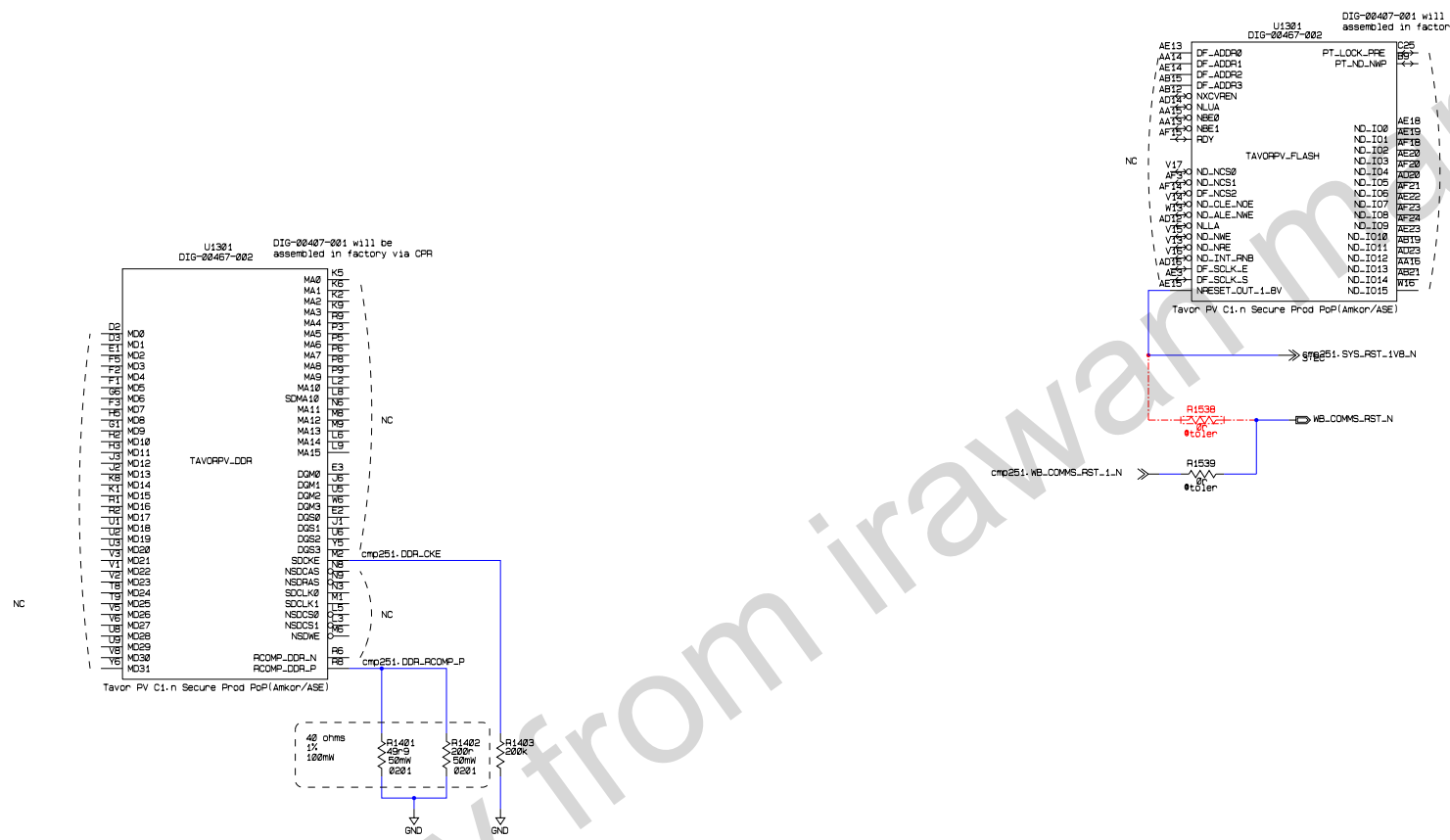


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DRAWN BY F10r1da RDC	TITLE R011 Main PCB Schematic
RWD CHECK F10r1da RDC	Uses PCB-29964-009
MFG CHECK UNKNOWN	
EDITED BY: jjacob	SIZE DRAWING No. SCH-29965-009
LAST EDIT: 2010/11/25 14:05:34	REV 6 SHEET 12 of 19



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DRAWN BY	F1or1da FDC
PHONE	(519) 889-7465 FAX (519) 889-6986
RWD CHECK	F1or1da FDC
TITLE	R#11 Main PCB Schematic
MFG CHECK	UNKNOWN
Uses PCB	29964-009
EDITED BY:	0autho
SIZE	DRAWING No. SCH-29965-009
LAST EDIT:	2010/11/25 09:59:16
REV	6
SHEET	13 of 19



U1301 DIG-02407-021 will be assembled in factory via CPR
DIG-02467-002

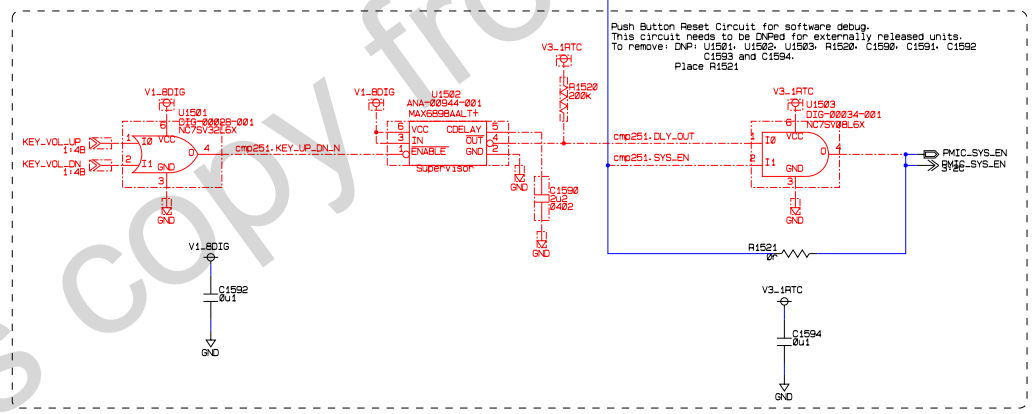
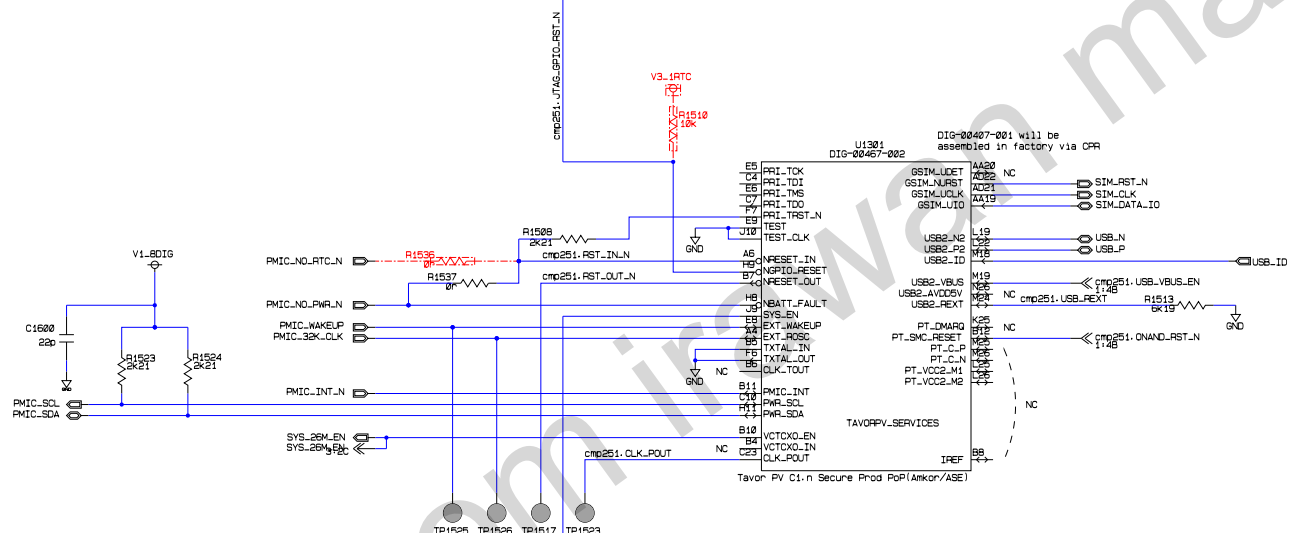
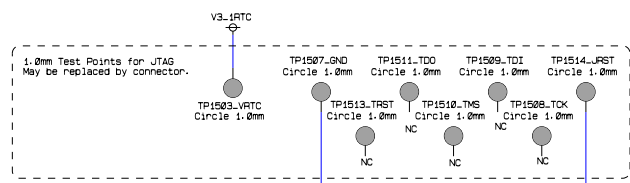
U1301 DIG-02407-021 will be assembled in factory via CPR
DIG-02467-002

U1401 PRG-31766-022
Stacked Part

Unprogrammed Moonstone 1s STK-02023-022

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RWD CHECK F1or1da PDC	TITLE R011 Main PCB Schematic
MFG CHECK UNKNOWN	Uses PCB-29964-009
EDITED BY: 0autho	SIZE DRAWING No. SCH-29965-009
LAST EDIT: 2010/11/25 09:59:17	REV 6 SHEET 14 of 19



U1381
DIG-00467-002

DIG-00467-001 will be assembled in factory via CPR

E5	PRI_TCK	AA20	NC	SIM_RST_N
E4	PRI_TDI	AA22	NC	SIM_CLK
C7	PRI_TMS	AA19	NC	SIM_DATA_IO
F7	PRI_TDO	AA19	NC	SIM_DATA_IO
F7	PRI_TRST_N	AA19	NC	SIM_DATA_IO
J10	TEST	L19	NC	USB_N
H9	TEST_CLK	M19	NC	USB_P
H9	NRESET_IN	M19	NC	USB_ID
E7	NRESET_OUT	M19	NC	USB_VBUS_EN
H8	BATT_FAULT	M19	NC	USB_VBUS
J5	SYS_EN	M19	NC	USB_REXT
E5	EXT_WAKEUP	M19	NC	USB_REXT_N
E6	EXT_POSC	M19	NC	ONAND_RST_N
B8	XTAL_IN	M19	NC	ONAND_RST_N
F6	XTAL_OUT	M19	NC	ONAND_RST_N
B5	CLK_TOUT	M19	NC	ONAND_RST_N
B11	PMIC_INT	M19	NC	ONAND_RST_N
F11	PWR_SCL	M19	NC	ONAND_RST_N
F11	PWR_SDA	M19	NC	ONAND_RST_N
B10	VCCXO_EN	M19	NC	ONAND_RST_N
B4	VCCXO_IN	M19	NC	ONAND_RST_N
C23	CLK_POUT	M19	NC	ONAND_RST_N

TAVORPV_SERVICES

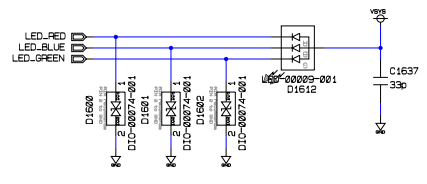
Tavor PV C1.n Secure Prod PoP(Amkor/ASE)

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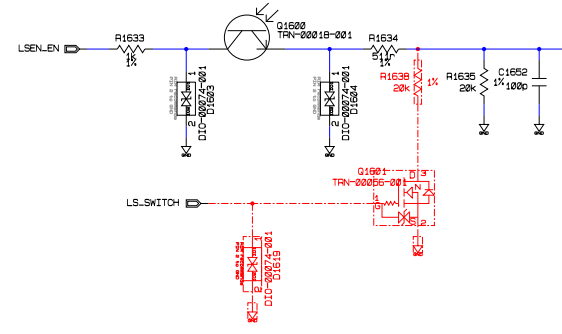
HIERARCHICAL BLOCK	COPYRIGHT 2010 RESEARCH IN MOTION LIMITED 295 PHILIP ST. WATERLOO, ONTARIO CANADA
DRAWN BY F1or1da PDC	PHONE (519) 886-7465 FAX (519) 886-6986
RWD CHECK F1or1da PDC	TITLE R011 Main PCB Schematic
MFG CHECK UNKNOWN	Uses PCB-29964-009
EDITED BY: 0autho	SIZE DRAWING No. SCH-29965-009
LAST EDIT: 2010/11/25 09:59:17	REV 6 SHEET 15 of 19

IO_INTERF2

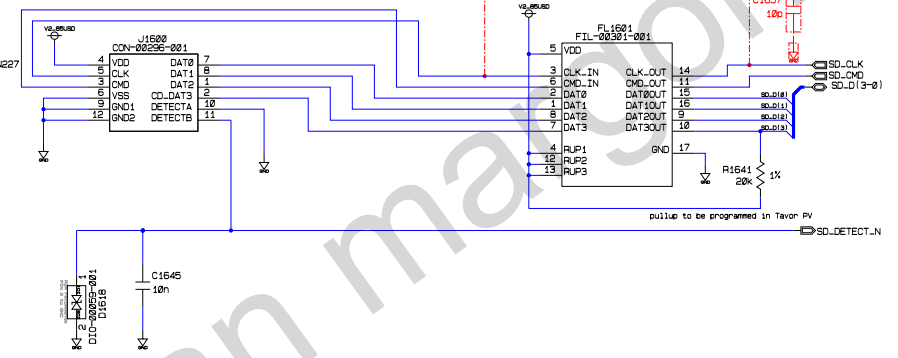
TRI-COLOR LED



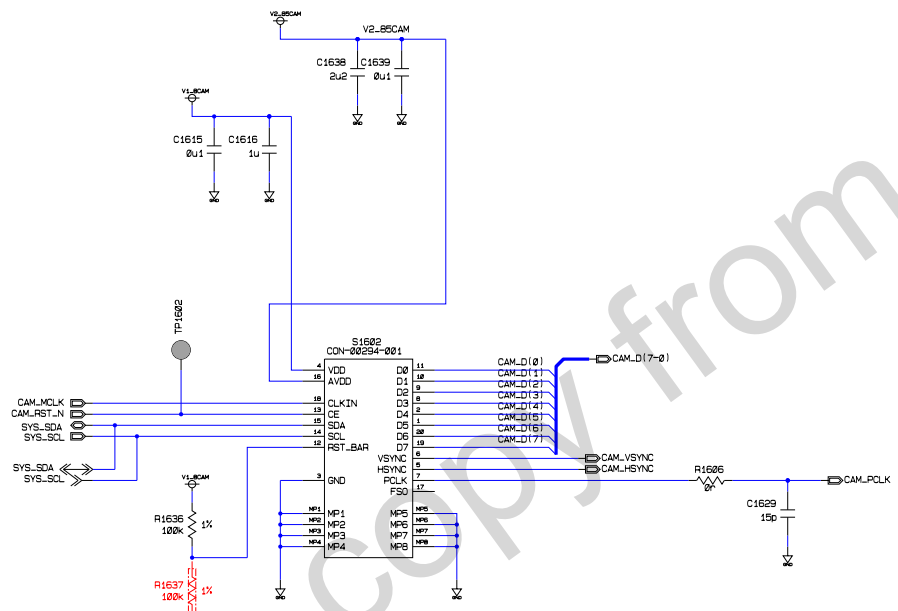
Ambient Light Sensor LIGHT SENSOR



SD Card Connector



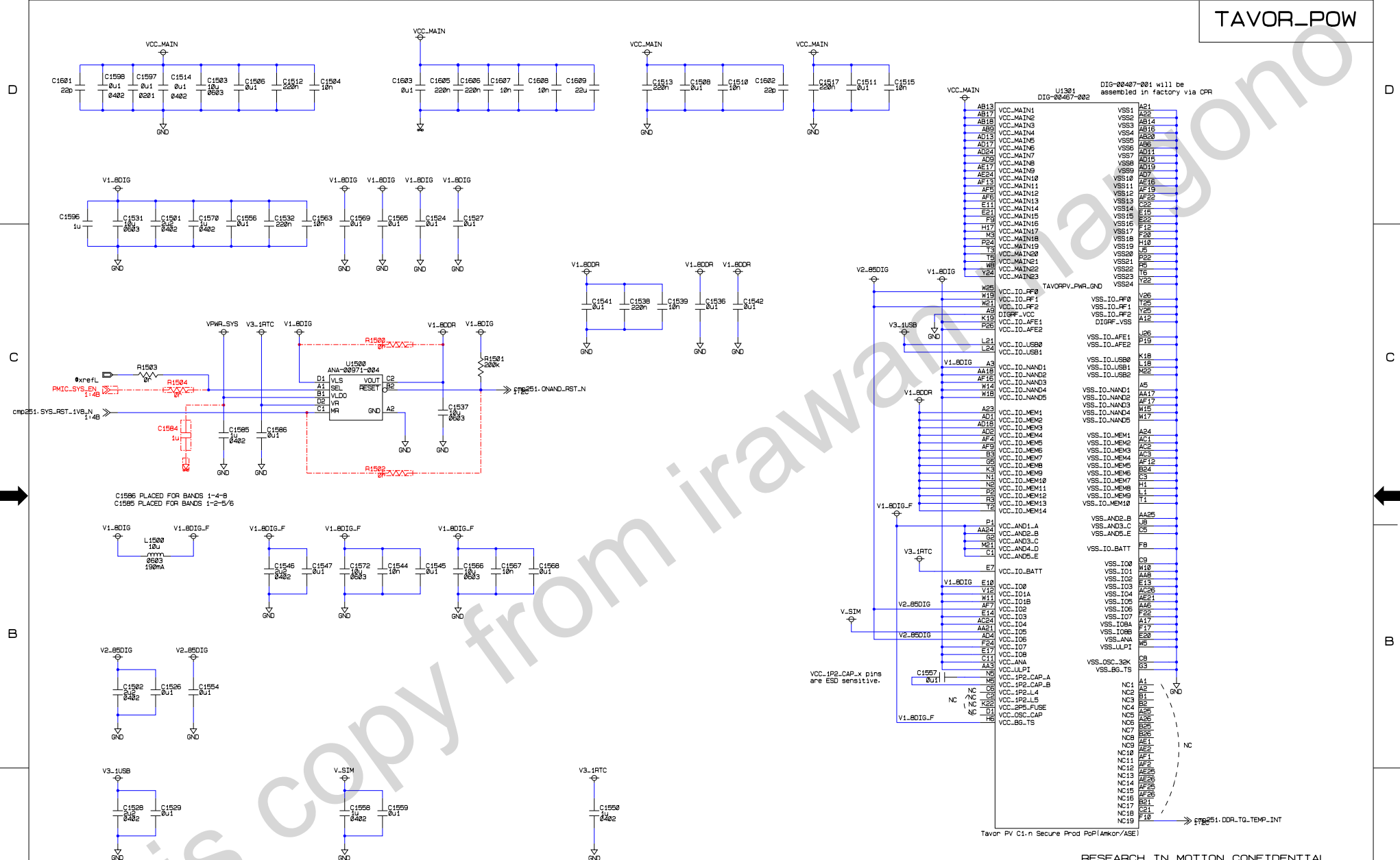
2MP Camera



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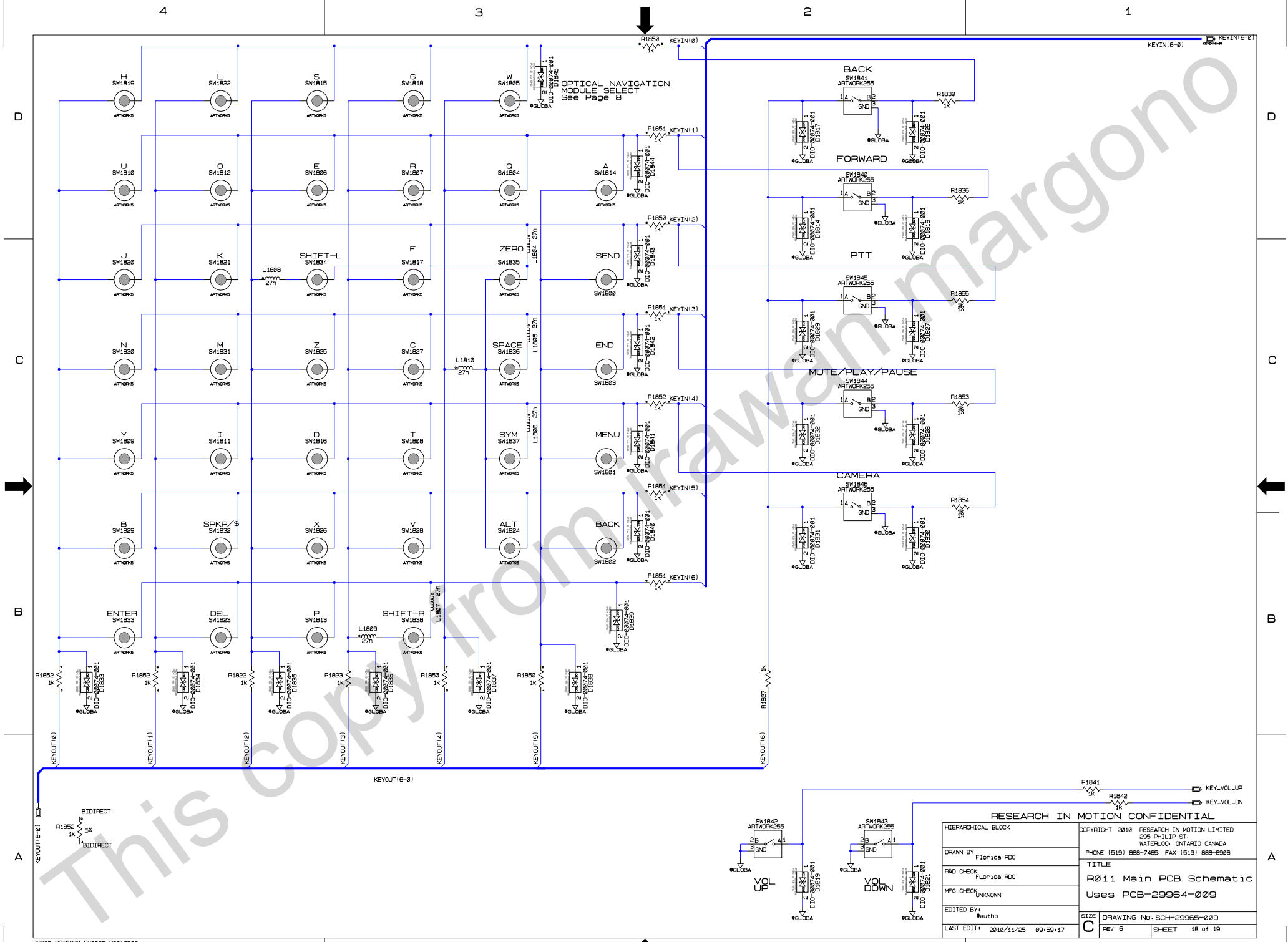
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DRAWN BY: F1or1da RDC	PHONE (519) 888-7465 FAX (519) 888-6986
R&D CHECK: F1or1da RDC	TITLE
MFG CHECK: UNKNOWN	R011 Main PCB Schematic
EDITED BY: @autho	Uses PCB-29964-009
LAST EDIT: 2010/11/25 09:59:16	SIZE: DRAWING No. SCH-29965-009
	REV 6 SHEET 16 of 19

TAVOR_POW



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DRAWN BY FLor:ida PDC	TITLE R011 Main PCB Schematic
RWD CHECK FLor:ida PDC	Uses PCB-29964-009
MFG CHECK UNKNOWN	
EDITED BY maflones	SIZE DRAWING No. SCH-29965-009
LAST EDIT: 2010/11/25 09:59:17	REV 6 SHEET 17 of 19



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DRAWN BY F1or1da PDC	TITLE R011 Main PCB Schematic Uses PCB-29964-009
RAD CHECK F1or1da PDC	SIZE DRAWING No. SCH-29965-009
MFG CHECK UNKNOWN	REV 6 SHEET 18 of 19
EDITED BY: aoutho	LAST EDIT: 2010/11/25 09:59:17

D

D

C

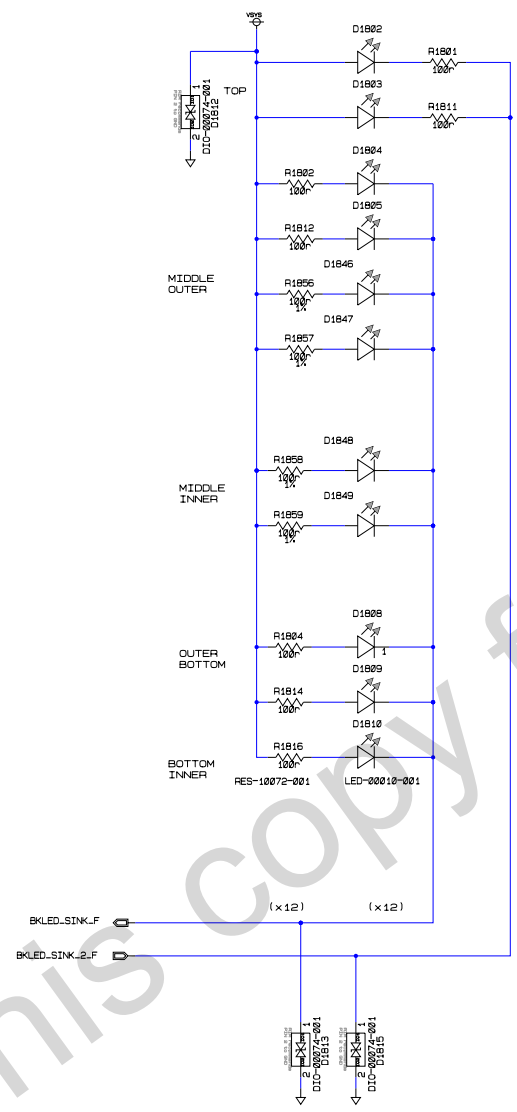
C

B

B

A

A



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R&D CHECK F1or1da RDC	TITLE R011 Main PCB Schematic
MFG CHECK UNKNOWN	Uses PCB-29964-009
EDITED BY: maflores	SIZE DRAWING No. SCH-29965-009
LAST EDIT: 2010/11/25 09:59:17	REV 6 SHEET 19 of 19