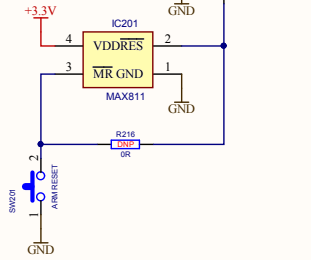
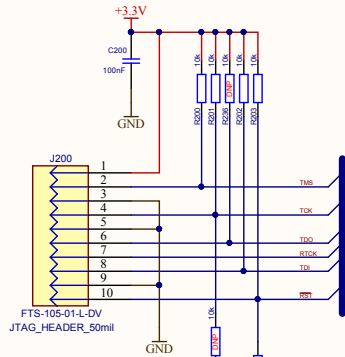


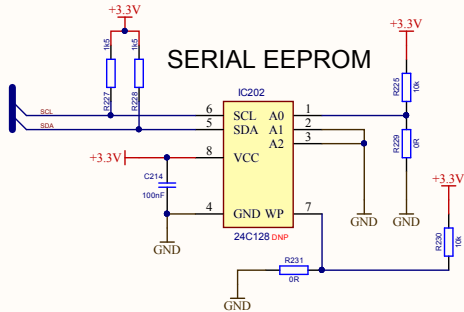
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Date: 15.9.2015	Revision: 2.0
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Sheet: 1 of 3	
Paper Size: A3	



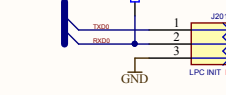
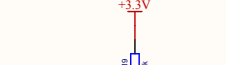
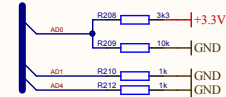
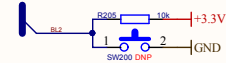
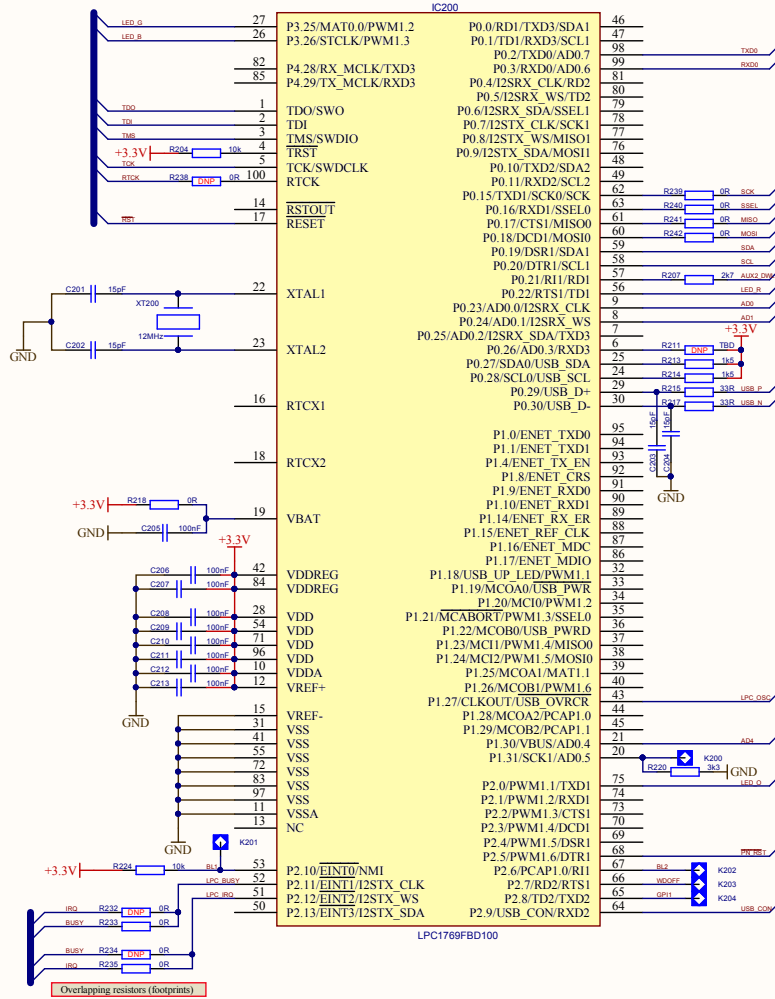
JTAG INTERFACE



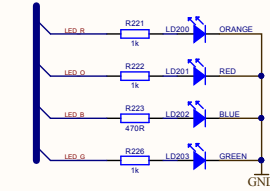
SERIAL EEPROM



LPC1769

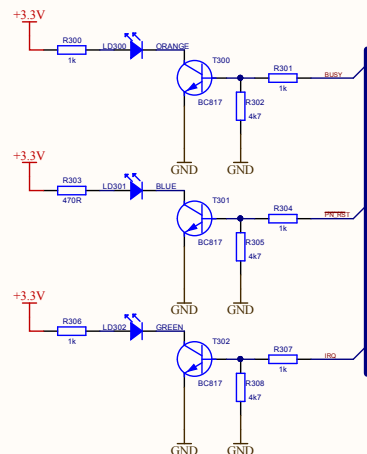


STATUS LEDs

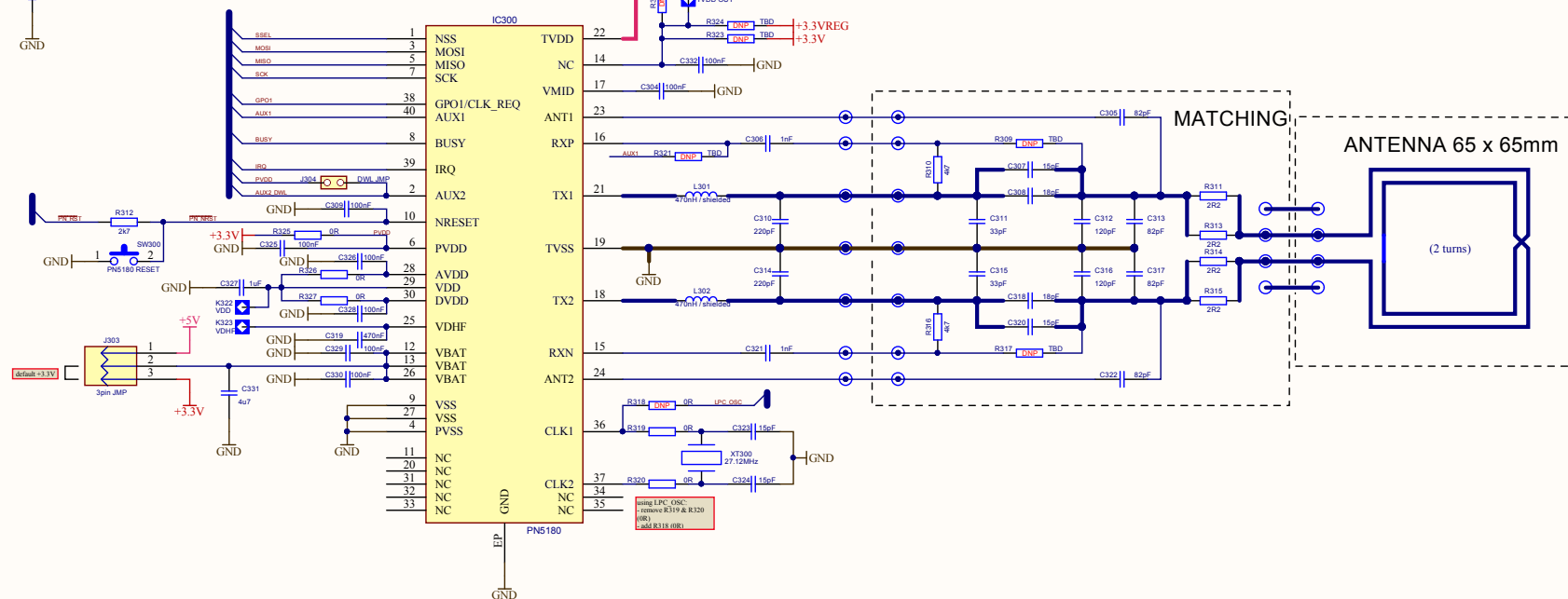


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Date: 15.9.2015	Revision: 2.0
File: Processor.SchDoc	Drawn By: GVR
Sheet: 2 of 3	
Paper Size: A3	

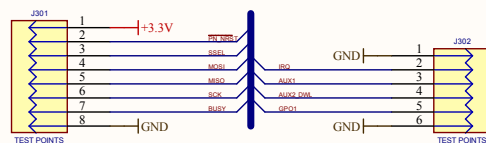
PN5180 STATUS LEDs



PN5180



INTERFACE TEST POINTS



Title: PNEV5180B	
Date: 15.9.2015	Revision: 2.0
File: Reader PN5108.SchDoc	Drawn By: GVR
Sheet: 3 of 3	
Paper Size: A3	



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	CAPC0603	C100, C103, C104, C107, C110, C200, C214, C301, C303, C304, C309, C326, C328, C332	Y0603	CAPC0603	14
10uF/16V	C_TANTAL_1206	C101, C102	CAP_TANT_1206_CASE-A	C_TANTAL_1206	2
33uF/10V	C_TANTAL_B	C105, C106	C_TANTAL_B	C_TANTAL_B	2
1uF	CAPC0603	C108, C109, C327	Y0603	CAPC0603	3
15pF	CAPC0603	C201, C202, C203, C204, C323, C324	Y0603	CAPC0603	6
100nF	CAPC0402	C205, C206, C207, C208, C209, C210, C211, C212, C213, C325, C329, C330	Y0402	CAPC0402	12
100uF/10V	C_TANTAL_B	C300	C_TANTAL_B	C_TANTAL_B	1
6u8	CAPC0603	C302	Y0603	CAPC0603	1
82pF	CAPC0805	C305, C313, C317, C322	Y0805	CAPC0805	4
1nF	CAPC0805	C306, C321	Y0805	CAPC0805	2
15pF	CAPC0805	C307, C320	Y0805	CAPC0805	2
18pF	CAPC0805	C308, C318	Y0805	CAPC0805	2
220pF	CAPC0805	C310, C314	Y0805	CAPC0805	2
33pF	CAPC0805	C311, C315	Y0805	CAPC0805	2
120pF	CAPC0805	C312, C316	Y0805	CAPC0805	2
470nF	CAPC0603	C319	Y0603	CAPC0603	1
4u7	CAPC0603	C331	Y0603	CAPC0603	1
CDBHM240L	GRETZ_MB52_Schottky	D100	GRETZ_MB52	GRETZ_MB52	1
IP4220C26	D_IP4220C26	D101	SOT-457	D_IP4220C26	1
LT1129CST-5	LT1129CST-5	IC100	SOT-223-3	LM3940-3.3	1
LM3940IMP-3.3	LM3940-3.3	IC101	SOT-223-3	LM3940-3.3	1
LPC1769FBD100	LQFP100	IC200	TSOPFP0P1600X1600X160-100N	LPC1769FBD100	1
MAX811	MAX811	IC201	SOT1438	MAX811	1
24C128 DNP	SERIAL EEPROM	IC202	SOIC8	24CXX	1
PN5180	13.56 MHz Reader	IC300	QFN50P600X600X100_H 5-41N	PN5180	1
PWR_DC_P1-202A	PWR_JACK_2.1mm x 5.5mm	J100	CON_JCK_2.5mm	CON_JCK_2.5mm	1
3pin JMP	CON3M_LINE	J101, J303	CON3M_LINE	CON3M_LINE	2
MINI USB-B	CON_USB_B_RA	J102	CON_USB-B-MINI-SD-67503-010_5075BMR-05 5M-CR	CON_USB_B_RA	1
MICRO USB-B	CON_USB_MICRO_B	J103	CON_USB_MICRO_B_W E-629 105 136 821	CON_USB_MICRO_B	1
FTS-105-01-L-DV	50mil, 2x5 pin (M), SMD	J200	CON_FTS-105-01-L-DV	CON_JTAG_PINS	1
LPC INIT DNP	CON3M_LINE	J201	CON3M_LINE	CON3M_LINE	1
TVDD	JMP2	J300	CON2	JMP2	1
CON8M_LINE	CON8M_LINE	J301	CON8M_LINE	CON8M_LINE	1
CON6M_LINE	CON6M_LINE	J302	CON6M_LINE	CON6M_LINE	1
DWL JMP	JMP2	J304	CON2	JMP2	1
TP1	TP1	K100, K101, K102, K200, K201, K202, K203, K204, K322, K323, K324	TESTP_ROUND_1.0mm	TP1	11
TP_1.0mm	TP_1.0mm	K103, K104, K105, K106, K300, K301, K302, K303, K304, K305, K306, K307, K308, K309, K310, K311, K312, K313, K314, K315, K316, K317, K318, K319, K320, K321	CON1_PIN_Round_1.0x1.8mm	TP_1.0mm	26
100nH	INDC1812	L300	INDCC_1812	INDC1812	1
BLM18PG1815N1	INDC0603	L101, L102	Y0603	INDC0603	2
22nH	INDC0805	L300	Y0805	INDC0805	2
470nH / shielded (1210)	INDC1812	L301, L302	INDCC_1812_1210	INDC1812	1
RED	LEDY0603	LD100, LD201	LED_0603	LEDY0603	2
ORANGE	LEDY0603	LD200, LD300	LED_0603	LEDY0603	2
BLUE	LEDY0603	LD202, LD301	LED_0603	LEDY0603	2
GREEN	LEDY0603	LD203, LD302	LED_0603	LEDY0603	2
0R	RESC0603	R100, R101, R218, R229, R231, R319, R320, R325, R326, R327	Y0603	RESC0603	10
2k2	RESC0603	R102	Y0603	RESC0603	1
1k5	RESC0603	R103, R105, R213, R214, R227, R228	Y0603	RESC0603	6
10k	RESC0603	R104, R200, R201, R202, R203, R204, R205, R209, R219, R224, R225, R230	Y0603	RESC0603	12
1k	RESC0603	R206, R210, R212, R221, R222, R226, R300, R301, R304, R306, R307	Y0603	RESC0603	11
2k7	RESC0603	R207, R312	Y0603	RESC0603	2
3k3	RESC0603	R208, R220	Y0603	RESC0603	2
T8D DNP	RESC0603	R211, R321, R322, R323, R324	Y0603	RESC0603	5
33R	RESC0603	R215, R217	Y0603	RESC0603	2
0R DNP	RESC0603	R216, R238, R318	Y0603	RESC0603	3
470R	RESC0603	R223, R303	Y0603	RESC0603	2
0R DNP	RESC0805	R232, R234	Y0805	RESC0805	2
0R	RESC0805	R233, R235	Y0805	RESC0805	2
10k DNP	RESC0603	R236, R237	Y0603	RESC0603	2
0R	RESC0402	R239, R240, R241, R242	Y0402	RESC0402	4
4k7	RESC0603	R302, R305, R308	Y0603	RESC0603	3
T8D DNP	RESC0805	R309, R317	Y0805	RESC0805	2
4k7	RESC0805	R310, R316	Y0805	RESC0805	2
2R2	RESC0805	R311, R313, R314, R315	Y0805	RESC0805	4
DTSM-325-B DNP	DTSM-325-B	SW200	SW_DTSM-325-B	SWITCH_SMD	1
DTSM-325-B	DTSM-325-B	SW201, SW300	SW_DTSM-325-B	SWITCH_SMD	2
BC807	BC807	T100	SOT-23	BC807	1
BC817	BC817	T300, T301, T302	SOT-23	BC817	3
12MHz	QUARTZ_NX5032	XT200	QUARTZ_NX5032GA	QUARTZ_NX5032	1
27.12MHz	QUARTZ_32SMX	XT300	QUARTZ_32SMX	QUARTZ_32SMX	1