

chipKIT WiFire

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Engineer: KRU

SHEET: ICSP, USB Serial

Author: CLG/KRU

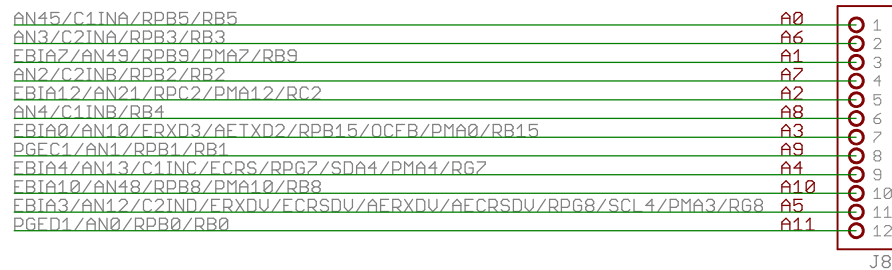
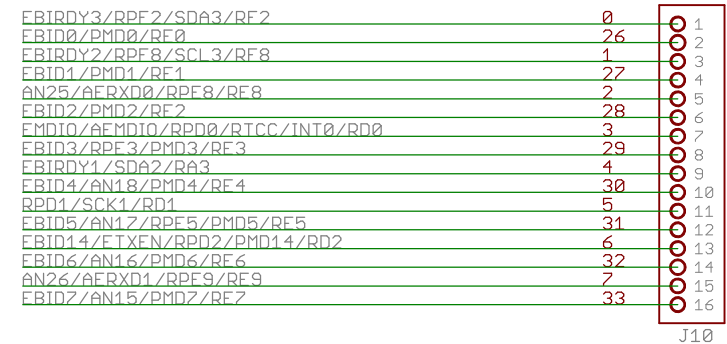
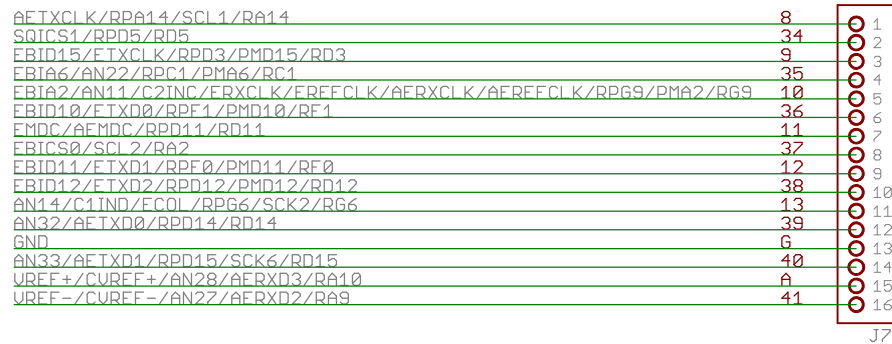
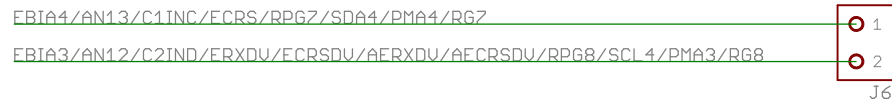
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Rev: C.0

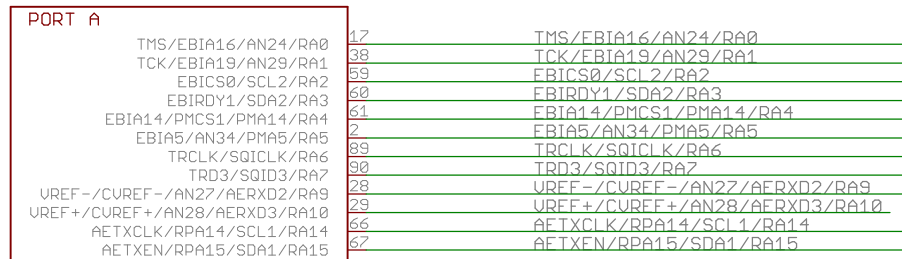
Doc#: 500-302

Date: 7/14/2015

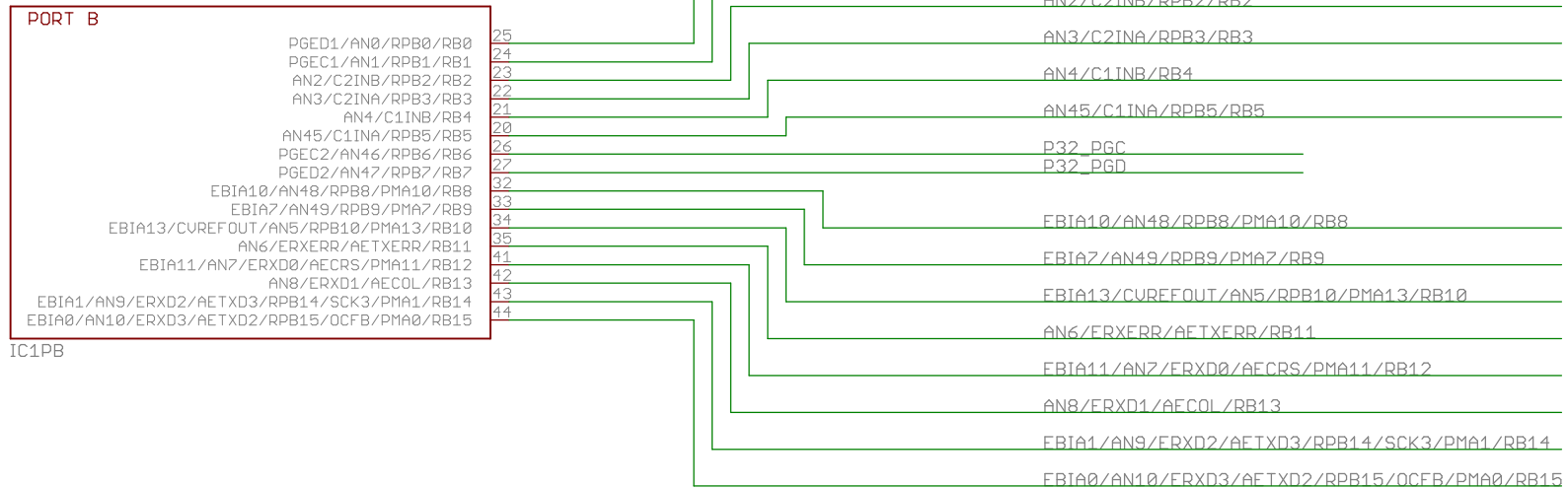
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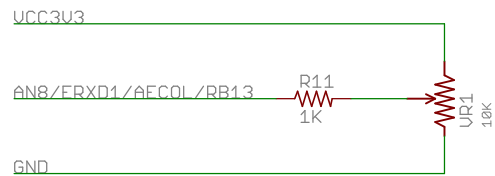
chipKIT WiFire		
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SHEET: chipKit I/O connectors		Author: CLG/KRU
TITLE: chipKIT WiFire		Rev: C.0
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IC1PA



IC1PB



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SHEET: PIC32 I/O		Author: CLG/KRU
TITLE: chipKIT WiFire		Rev: C.0
Doc#: 500-302	Date: 7/14/2015	Sheet: 3/6

PORT D

EMDIO/AEMDIO/RPD0/RTCC/INT0/RD0
RPD1/SCK1/RD1
EBID14/ETXEN/RPD2/PMD14/RD2
EBID15/ETXCLK/RPD3/PMD15/RD3
SQICS0/RPD4/RD4
SQICS1/RPD5/RD5
EBIA15/RPD9/PMCS2/PMA15/RD9
RPD10/SCK4/RD10
EMDC/AEMDC/RPD11/RD11
EBID12/ETXD2/RPD12/PMD12/RD12
EBID13/ETXD3/PMD13/RD13
AN32/AETXD0/RPD14/RD14
AN33/AETXD1/RPD15/SCK6/RD15

71 EMDIO/AEMDIO/RPD0/RTCC/INT0/RD0
76 RPD1/SCK1/RD1
77 EBID14/ETXEN/RPD2/PMD14/RD2
78 EBID15/ETXCLK/RPD3/PMD15/RD3
81 SQICS0/RPD4/RD4
82 SQICS1/RPD5/RD5
68 EBIA15/RPD9/PMCS2/PMA15/RD9
69 RPD10/SCK4/RD10
70 EMDC/AEMDC/RPD11/RD11
79 EBID12/ETXD2/RPD12/PMD12/RD12
80 EBID13/ETXD3/PMD13/RD13
47 AN32/AETXD0/RPD14/RD14
48 AN33/AETXD1/RPD15/SCK6/RD15

IC1PD

PORT E

EBID0/PMD0/RE0
EBID1/PMD1/RE1
EBID2/PMD2/RE2
EBID3/RPE3/PMD3/RE3
EBID4/AN18/PMD4/RE4
EBID5/AN17/RPE5/PMD5/RE5
EBID6/AN16/PMD6/RE6
EBID7/AN15/PMD7/RE7
AN25/AERXD0/RPE8/RE8
AN26/AERXD1/RPE9/RE9

91 EBID0/PMD0/RE0
94 EBID1/PMD1/RE1
98 EBID2/PMD2/RE2
99 EBID3/RPE3/PMD3/RE3
100 EBID4/AN18/PMD4/RE4
3 EBID5/AN17/RPE5/PMD5/RE5
4 EBID6/AN16/PMD6/RE6
5 EBID7/AN15/PMD7/RE7
18 AN25/AERXD0/RPE8/RE8
19 AN26/AERXD1/RPE9/RE9

IC1PE

PORT F

EBID11/ETXD1/RPF0/PMD11/RF0
EBID10/ETXD0/RPF1/PMD10/RF1
EBIRDY3/RPF2/SDA3/RF2
USBID/RPF3/RF3
EBIA9/RPF4/SDA5/PMA9/RF4
EBIA8/RPF5/SCL5/PMA8/RF5
EBIRDY2/RPF8/SCL3/RF8
TDO/EBIA17/AN31/RPF12/RF12
TDI/EBIA18/AN30/RPF13/SCK5/RF13

85 EBID11/ETXD1/RPF0/PMD11/RF0
86 EBID10/ETXD0/RPF1/PMD10/RF1
57 EBIRDY3/RPF2/SDA3/RF2
56 USBID/RPF3/RF3
64 EBIA9/RPF4/SDA5/PMA9/RF4
65 EBIA8/RPF5/SCL5/PMA8/RF5
58 EBIRDY2/RPF8/SCL3/RF8
40 TDO/EBIA17/AN31/RPF12/RF12
39 TDI/EBIA18/AN30/RPF13/SCK5/RF13

IC1PF

PORT G

EBID8/RPG0/PMD8/RG0
EBID9/ETXERR/RPG1/PMD9/RG1
AN14/C1IND/ECOL/RPG6/SCK2/RG6
EBIA4/AN13/C1INC/ECRS/RPG7/SDA4/PMA4/RG7
EBIA3/AN12/C2IND/ERXDU/ECRS/SDU/RPG8/SCL4/PMA3/RG8
EBIA2/AN11/C2INC/ERXCLK/EREFCLK/RPG9/PMA2/RG9
TRD1/SQID1/RG12
TRD0/SQID0/RG13
TRD2/SQID2/RG14
AN23/AERXERR/RG15

88 EBID8/RPG0/PMD8/RG0
87 EBID9/ETXERR/RPG1/PMD9/RG1
10 AN14/C1IND/ECOL/RPG6/SCK2/RG6
11 EBIA4/AN13/C1INC/ECRS/RPG7/SDA4/PMA4/RG7
12 EBIA3/AN12/C2IND/ERXDU/ECRS/SDU/RPG8/SCL4/PMA3/RG8
16 EBIA2/AN11/C2INC/ERXCLK/EREFCLK/AERXCLK/AEREFCLK/RPG9/PMA2/RG9
96 TRD1/SQID1/RG12
97 TRD0/SQID0/RG13
95 TRD2/SQID2/RG14
1 AN23/AERXERR/RG15

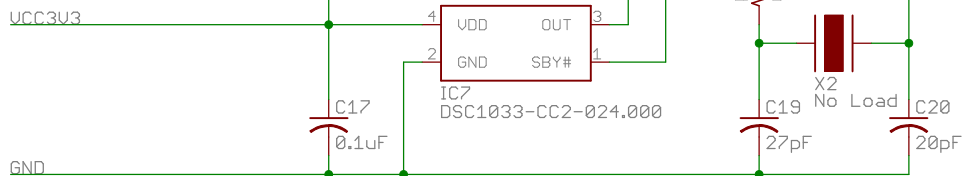
IC1PG

PORT C

EBIA6/AN22/RPC1/PMA6/RC1
EBIA12/AN21/RPC2/PMA12/RC2
EBIWE/AN20/RPC3/PMWR/RC3
EBIOE/AN19/RPC4/PMRD/RC4
OSCI/CLKI/RC12
SOSCI/RPC13/RC13
SOSCO/RPC14/TICK/RC14
OSCO/CLKO/RC15

6 EBIA6/AN22/RPC1/PMA6/RC1
7 EBIA12/AN21/RPC2/PMA12/RC2
8 EBIWE/AN20/RPC3/PMWR/RC3
9 EBIOE/AN19/RPC4/PMRD/RC4
49
72
73
50

IC1PC



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Engineer: KRU

SHEET: PIC32 I/O

Author: CLG/KRU

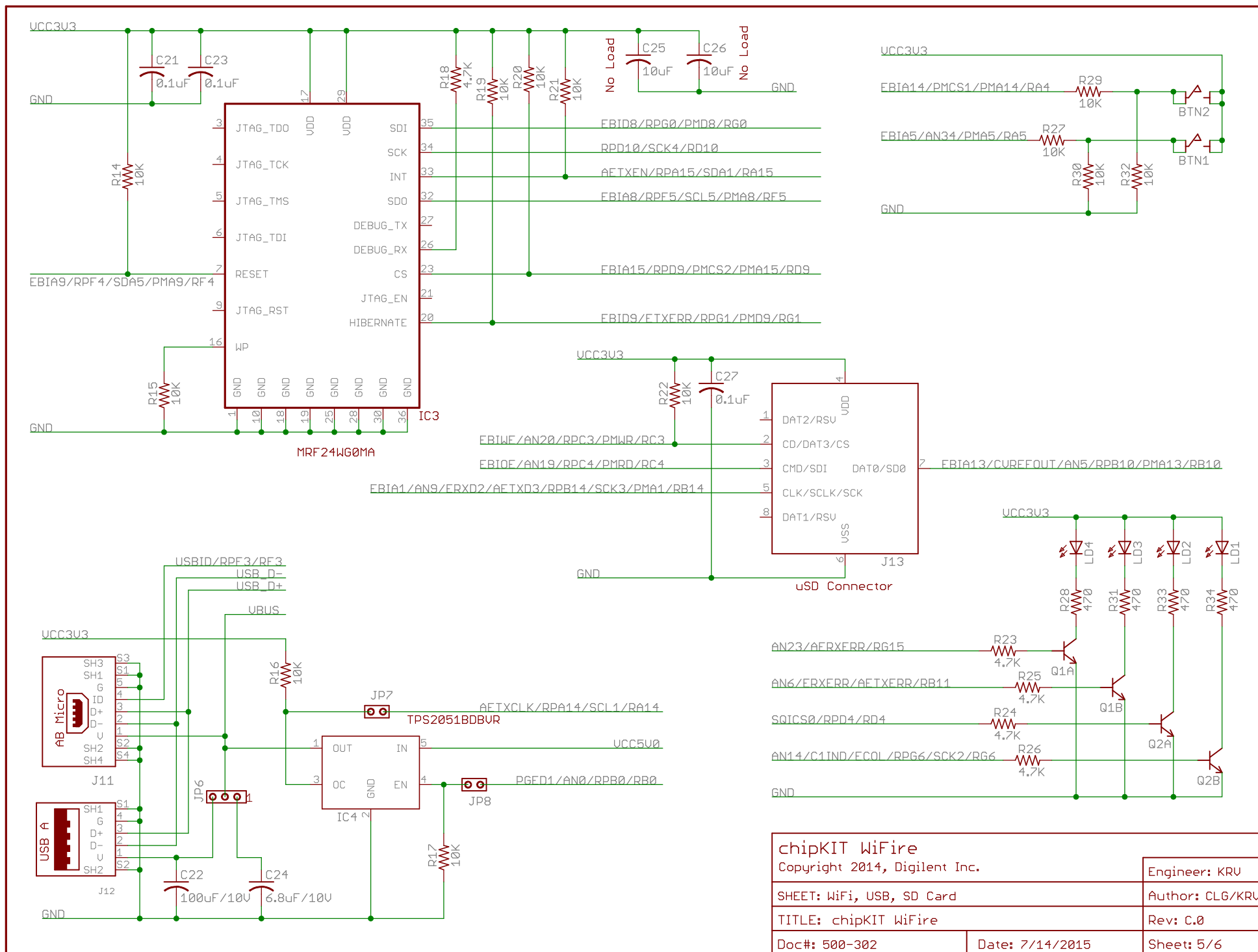
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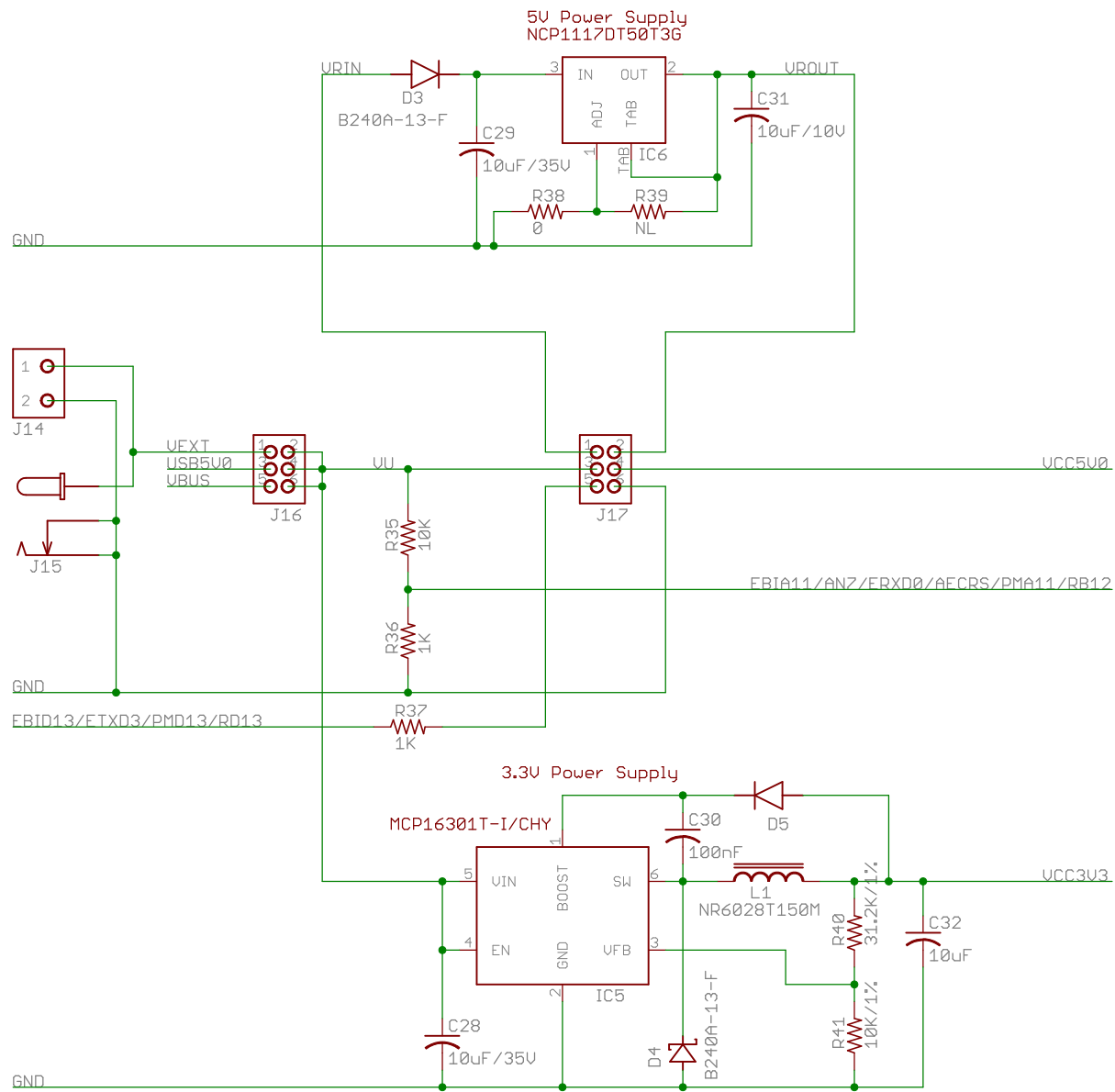
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Engineer: KRU

SHEET: Power Supplies

Author: CLG/KRU

TITLE: chipKIT WiFire

Rev: C.0

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Date: 7/14/2015

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