

EFM32 Leopard Gecko STK

Board Function	Page
Title Page	1
User Interface	2
Signal Assignments	3
EFM32 I/O	4
EFM32 Power	5
LCD	6
Power & Misc	7
Advanced Energy Monitor	8
Debug Interface	9
Control MCU	10

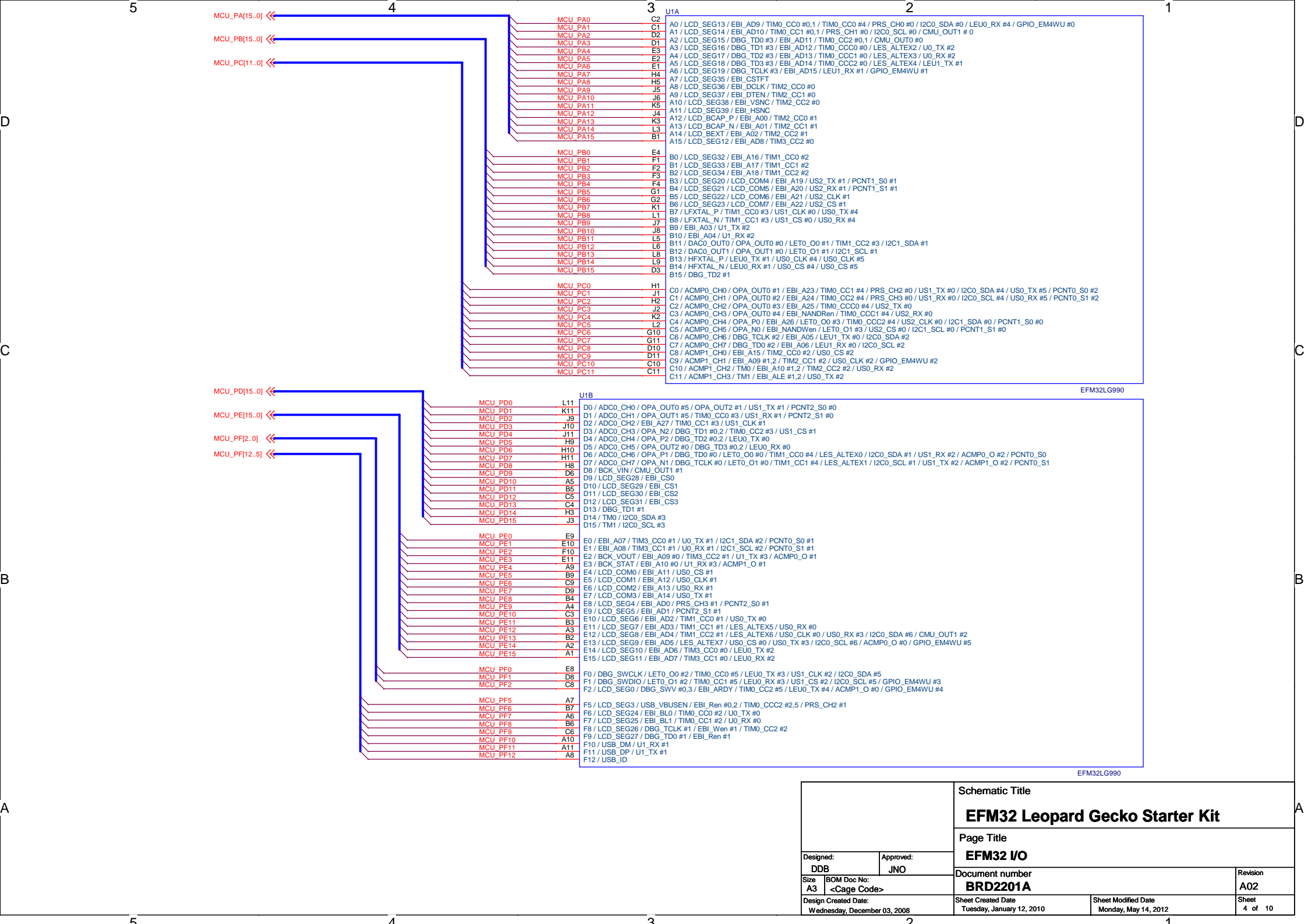


Revision History

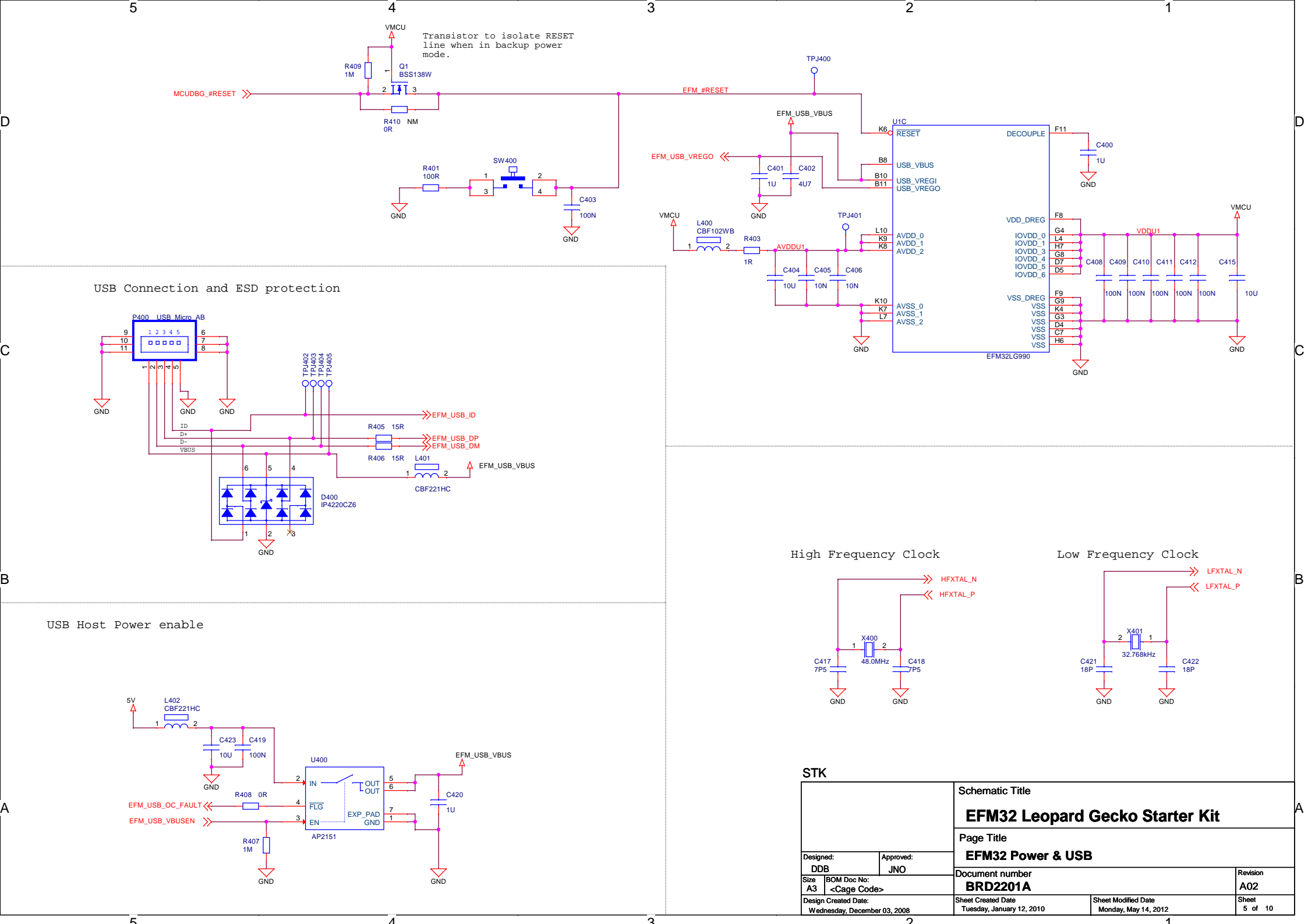
Rev.	Description
A00	Initial version for series production
A01	Updated EFM32 to Leopard Gecko Rev.D
A02	Added test points for EFM USB. Fixed small error on PCB.

STK

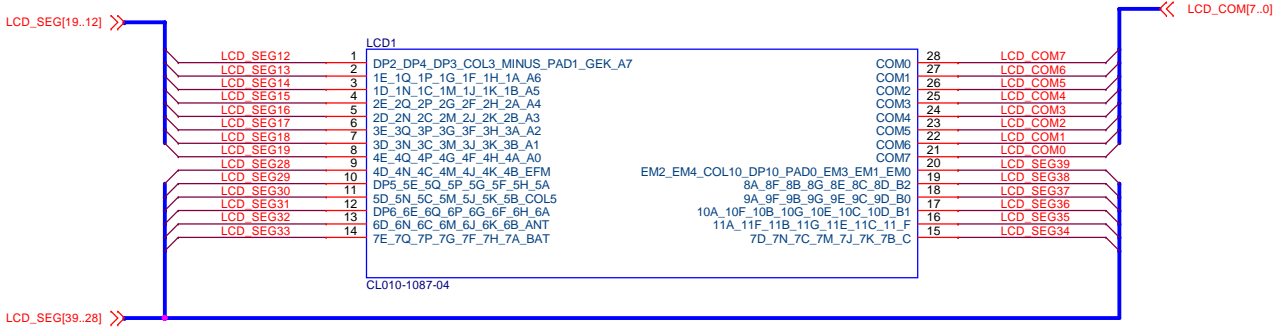
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		Page Title	
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Designed: DDB	Approved: JNO	Document number BRD2201A	Revision A02
Size A3	BOM Doc No:	Sheet Created Date Saturday, March 21, 2009	Sheet Modified Date Monday, May 14, 2012
Design Created Date: Wednesday, December 03, 2008		Sheet 1 of 10	



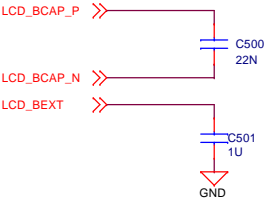
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Design Created Date: Wednesday, December 03, 2008		Sheet Created Date Tuesday, January 12, 2010		Sheet Modified Date Monday, May 14, 2012
				Sheet 4 of 10



LCD signal connections



LCD Boost

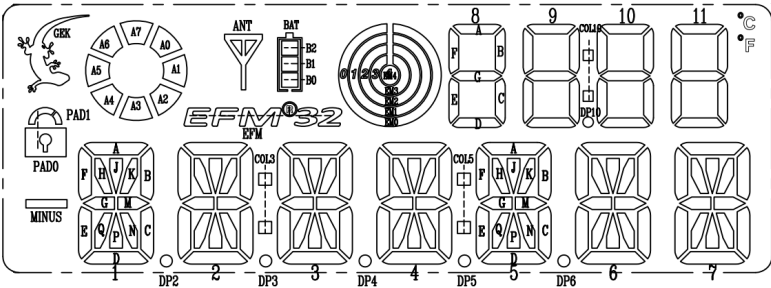


Segment names

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
---	S0	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13
COM0	DP2	1 E	1 D	2 E	2 D	3 E	3 D	4 E	4 D	DP5	5 D	DP6	6 D	7 E
COM1	DP4	1 Q	1 N	2 Q	2 N	3 Q	3 N	4 Q	4 N	5 E	5 N	6 E	6 N	7 Q
COM2	DP3	1 P	1 C	2 P	2 C	3 P	3 C	4 P	4 C	5 Q	5 C	6 Q	6 C	7 P
COM3	COL3	1 G	1 M	2 G	2 M	3 G	3 M	4 G	4 M	5 P	5 M	6 P	6 M	7 G
COM4	MINUS	1 F	1 J	2 F	2 J	3 F	3 J	4 F	4 J	5 G	5 J	6 G	6 J	7 F
COM5	PAD1	1 H	1 K	2 H	2 K	3 H	3 K	4 H	4 K	5 F	5 K	6 F	6 K	7 H
COM6	GEK	1 A	1 B	2 A	2 B	3 A	3 B	4 A	4 B	5 H	5 B	6 H	6 B	7 A
COM7	A7	A6	A5	A4	A3	A2	A1	A0	EFM	5 A	COL5	6 A	ANT	BAT

PIN	15	16	17	18	19	20	21	22	23	24	25	26	27	28
---	S14	S15	S16	S17	S18	S19	COM7	COM6	COM5	COM4	COM3	COM2	COM1	COM0
COM0	7 D	11 A	10 A	9 A	8 A	EM2								COM0
COM1	7 N	11 F	10 F	9 F	8 F	EM4							COM1	
COM2	7 C	11 B	10 B	9 B	8 B	COL10						COM2		
COM3	7 M	11 G	10 G	9 G	8 G	DP10					COM3			
COM4	7 J	11 E	10 E	9 E	8 E	PAD0				COM4				
COM5	7 K	11 C	10 C	9 C	8 C	EM3		COM5						
COM6	7 B	11 D	10 D	9 D	8 D	EM1		COM6						
COM7	°C	°F	B1	B0	B2	EM0	COM7							

Segment placement



STK

Schematic Title		Page Title	
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BRD2201A		A02	
Designed: DDB	Approved: JNO	Sheet Created Date	Sheet Modified Date
Size A3	BOM Doc No: <Cage Code>	Wednesday, December 03, 2008	Monday, May 14, 2012
Sheet Created Date		Sheet 6 of 10	
Tuesday, January 12, 2010			

5



AEM Current Measurement

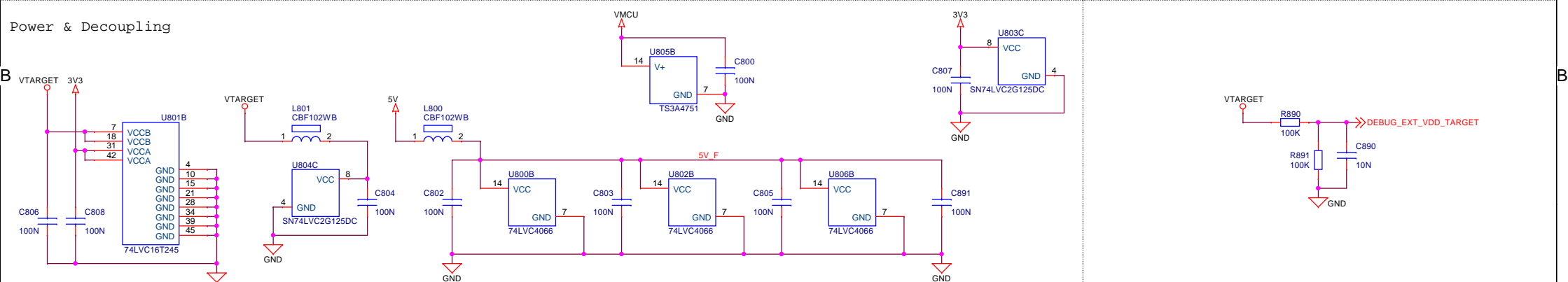
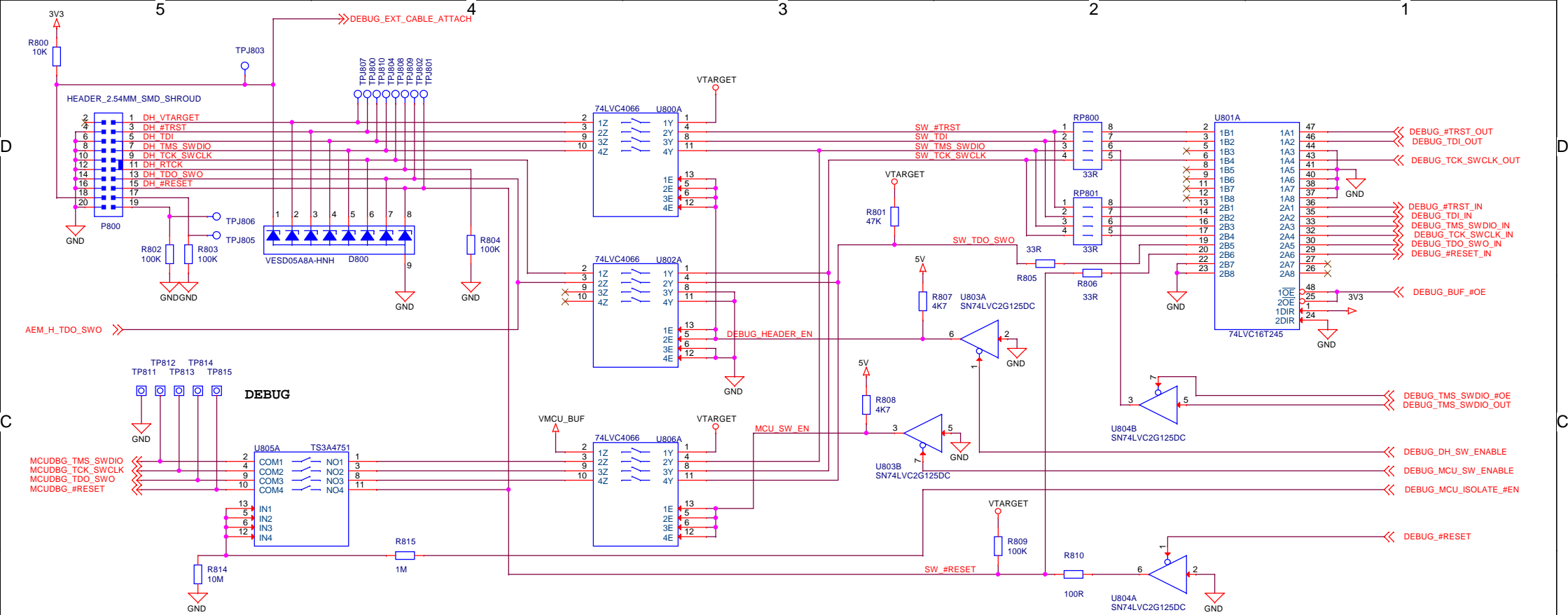


MCU Voltage Sense



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Mode	DEBUG_MCU_SW_ENABLE	DEBUG_DH_SW_ENABLE	DEBUG_BUF_#OE	ISOLATE_#EN	DH_VTARGET	VTARGET
Debug Out	0	1	0	0	External voltage	External voltage
MCU Debug	1	0	0	1	Disconnected	VMCU
Debug In	1	1	1	1	VMCU	VMCU
Debug Off	1	1	1	0	-	-

STK

		Schematic Title			
		EFM32 Leopard Gecko Starter Kit			
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Size A3		BOM Doc No: <Cage Code>		Document number BRD2201A	
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				Revision A02	
				Sheet 9 of 10	

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