

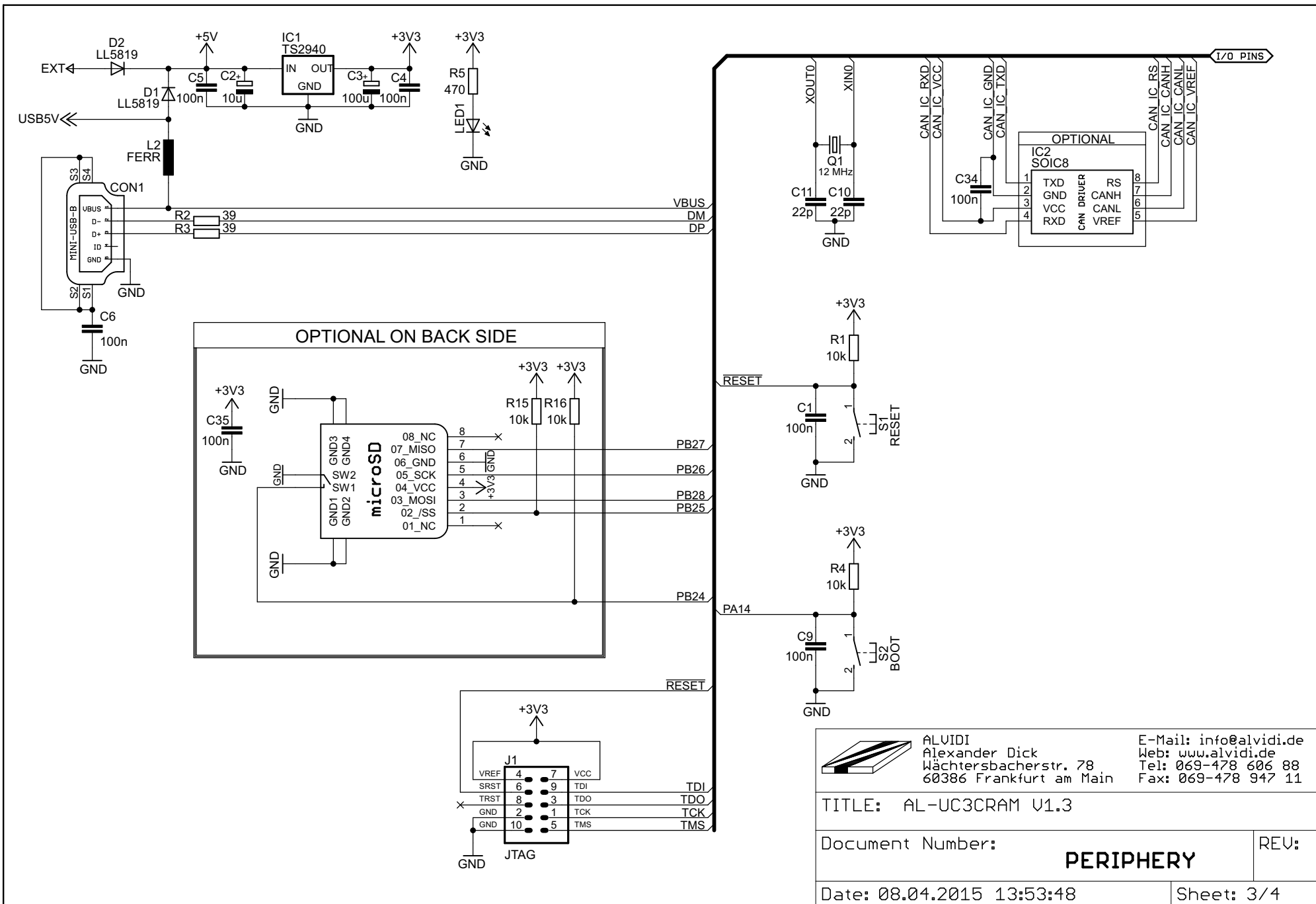
**ALVIDI**  
Alexander Dick  
Wächtersbacherstr. 78  
60386 Frankfurt am Main  
E-Mail: info@alvidi.de  
Web: www.alvidi.de  
Tel: 069-478 606 88  
Fax: 069-478 947 11

**TITLE: AL-UC3CRAM V1.3**

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CON1	PIN Function					
	A	B	C	D	E	F
NC						
NC						
NC						
NC						
PA04	ADCIN0	USBC-ID	AC1PA0-ACAP0			
PA05	ADCIN1	USBC-UBOF	AC1PA0-ACBOUT			
PA06	ADCIN2	AC1AP1	PEUC-PAD EUT(12)			
PA07	ADCIN3	AC1AN1	PEUC-PAD EUT(13)			
PA08	ADCIN4	AC1BP1	EIC-EXTINT(2)			
PA09	ADCIN5	AC1BN1				
PA10	ADCIN6	EIC-EXTINT(4)	PEUC-PAD EUT(13)			
PA11	ADCIN7	ADCREFP1	PEUC-PAD EUT(14)			
PA12	AC1AP0	SP10-NPCSE(0)	AC1AP0 or DAC1A			
PA13	AC1AN0	SP10-NPCSE(1)	ADCIN15			
PA14	AC1BP0	SP11-NPCSE(0)				
PA15	AC1BN0	SP11-NPCSE(1)	AC1BN0 or DAC1B			
PA16	ADCREFP0		DACREF			
PA19	ADCIN8	EIC-EXTINT(1)				
PA20	ADCIN9	AC0AP0	AC0AP0 or DAC0A			
ADCREFP						
ADCREFN						
ENDANA						
UDDANA						
PA21	ADCIN10	AC0BN0	AC0BN0 or DAC0B			
PA22	ADCIN11	AC0AN0	PEUC-PAD EUT(14)			
PA23	ADCIN12	AC0BP0	PEUC-PAD EUT(15)			
PA24	ADCIN13	SP11-NPCSE(2)				
PA25	ADCIN14	SP11-NPCSE(3)	EIC-EXTINT(0)			
PA26	AC0AP1	EIC-EXTINT(1)				
PA27	AC0AN1	EIC-EXTINT(2)				
PA28	AC0BP1	EIC-EXTINT(3)				
PA29	AC0BN1	EIC-EXTINT(0)				

CON2	PIN Function					
	A	B	C	D	E	F
PB00	USART0-CLK	CANIF-RXLINE(1)	EIC-EXTINT(8)	PEUC-PAD EUT(10)		
PB01		CANIF-TXLINE(1)		PEUC-PAD EUT(11)		
PB02		USBC-ID	PEUC-PAD EUT(7)	TC1-A1		
PB03		USBC-UBOF	PEUC-PAD EUT(7)			
PB04	SP11-MISO	CANIF-RXLINE(0)	QDEC1-GEPI		MACB-TX0[2]	
PB05	SP11-MISO	CANIF-TXLINE(0)	PEUC-PAD EUT(12)	USART3-CLK	MACB-TXD[3]	
PB06	SP11-SCK		QDEC1-GEPA	USART1-CLK	MACB-TX[5]	
PB07	SP11-NPCSE(0)	EIC-EXTINT(2)	QDEC1-GEPI		MACB-RX[5]	
PB08	SP11-NPCSE(1)	PEUC-PAD EUT(11)	PLM-PHME(0)		MACB-RXD(0)	
PB09	SP11-NPCSE(2)		PLM-PHME(0)		MACB-RXD(1)	
PB10	USART1-DTR	SP10-MOSI	PLM-PHME(1)			
PB11	USART1-DSR	SP10-MISO	PLM-PHME(1)			
PB12	USART1-DDI	SP10-SCK	PLM-PHME(2)			
PB13	USART1-RTI	SP10-NPCSE(0)	PLM-PHME(2)		MACB-RX_ER	
PB14	USART1-RTS	SP10-NPCSE(1)	PLM-PHME(3)		MACB-MC	
PB15	USART1-CTS	USART1-CLK	PLM-PHME(3)		MACB-MDIO	
PB16	USART1-RXD	SP10-NPCSE(2)	PLM-EXT FAULTS(0)		CANIF-RXLINE(0)	
PB17	USART1-TXD	SP10-NPCSE(3)	PLM-EXT FAULTS(1)		CANIF-TXLINE(0)	
PB18	TC0-CLK2		EIC-EXTINT(4)			
PB19	TC0-A0	SP11-MOSI	IISC-ISDD		MACB-CRS	
PB20	TC0-B0	SP11-MISO	IISC-ISDI	AC1PA1-ACBOUT	MACB-CLK	
PB21	TC0-CLK1	SP11-SCK	IISC-IMCK	AC1PA1-ACBOUT	MACB-RXD(2)	
PB22	TC0-A1	SP11-NPCSE(3)	IISC-ISCK	SCIF-SCLK(0)	MACB-RXD(3)	
PB23	TC0-B1	SP11-NPCSE(2)	IISC-IWS	SCIF-GCLK(1)	MACB-RX_CLK	
PB24	TC0-CLK0	SP11-NPCSE(1)				
PB25	TC0-A2	SP11-NPCSE(0)	PEUC-PAD EUT(8)			
PB26	TC0-B2	SP11-SCK	PEUC-PAD EUT(9)		MACB-TX_EN	
PB27	QDEC0-GEPA	SP11-MISO	PEUC-PAD EUT(10)	TC1-CLK0	MACB-TXD(0)	
PB28	QDEC0-GEPI	SP11-MOSI	PEUC-PAD EUT(11)		TC1-B0	MACB-TXD(1)
PB29	QDEC0-GEPI	SP10-NPCSE(0)	PEUC-PAD EUT(12)	TC1-A0		
NC						
NC						

CON3	PIN Function					
	A	B	C	D	E	F
3V3						
CAN_IC_VCC						
GND						
CAN_IC_GND						
CAN_IC_TXD						
CAN_IC_RXD						
GND						
CAN_IC_VREF						
CAN_IC_RS						
CAN_IC_CANH						
CAN_IC_CANL						

CON4	PIN Function					
	A	B	C	D	E	F
GND						
PD30	USART0-RTS	EIC-EXTINT(3)	EBI-NMAlt	TC0-A1	MACB-TX_EN	
PD29	USART0-CTS	EIC-EXTINT(6)	USART0-CLK	TC0-CLK0	MACB-TX_CLK	
PD28	USART0-RXD	CANIF-TXLINE(0)	EBI-NCSE(2)	TC0-B0	MACB-RX_DU	
PB01					PEUC-PAD EUT(11)	
PB00	USART0-CLK	CANIF-RXLINE(1)	EIC-EXTINT(8)	PEUC-PAD EUT(10)		
PD26	TC0-CLK1	USBC-UBOF	EBI-NDR			
PD25	TC0-CLK0	USBC-ID	EBI-NMIE0		USART4-CLK	
PD23	USART3-CTS	USART3-CLK	EBI-ADDR(13)	QDEC1-GEPA		
PD22	USART3-RXD	TC0-A2	EBI-ADDR(18)	SCIF-GCLK(0)		
PD19	TC0-A2		EBI-ADDR(15)			
PD16	TC0-B0	USART3-RXD	EBI-ADDR(12)			
PD14	USART1-RTS	EIC-EXTINT(7)	EBI-ADDR(10)	PEUC-PAD EUT(9)	MACB-RXD(1)	
PC13	PLM-PHME(2)	EIC-EXTINT(2)		USART0-RTS		
PC12	PLM-PHME(3)	CANIF-TXLINE(1)	EBI-ADDR(20)	USART2-CLK		
PC11	PLM-PHME(3)	CANIF-RXLINE(1)	EBI-ADDR(21)	TC0-CLK0		
PC10	PEUC-PAD EUT(13)	SP11-NPCSE(3)	EBI-ADDR(22)			
PC09	PEUC-PAD EUT(14)	SP11-NPCSE(2)	EBI-ADDR(23)		USART4-RXD	
PC08	PEUC-PAD EUT(13)	SP11-NPCSE(1)	EBI-NCSE(0)		USART4-TXD	
PC07	PEUC-PAD EUT(2)	EBI-NCSE(3)	USART2-RTS	TC0-B2	TWHS2-ThCK	TWHS1-TWALM
PC06	PEUC-PAD EUT(13)	USART2-CLK	TC0-CLK2	TWHS2-ThD	TWHS1-TWALM	
PC05	TWHS1-ThCK	EIC-EXTINT(4)	USART2-RXD	TC0-A2		
PC04	TWHS1-ThD	EIC-EXTINT(3)	USART2-TXD	TC0-B1		
PC03	TWHS0-ThCK	EIC-EXTINT(1)	USART2-TXD	TC1-B1	MACB-MDIO	
PC02	TWHS0-ThD	SP10-NPCSE(3)	USART2-RXD	TC1-CLK1	MACB-MDC	
PC01	USBC-UBOF	SP10-NPCSE(2)	USART2-RTS	TC1-A2	CANIF-RXLINE(1)	
PC00	USBC-ID	SP10-NPCSE(1)	USART2-CTS	TC1-B2	CANIF-TXLINE(1)	
RESET						
3V3						
USB5U						
UCCIN						
GND						



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**PIN DESCRIPTION**

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