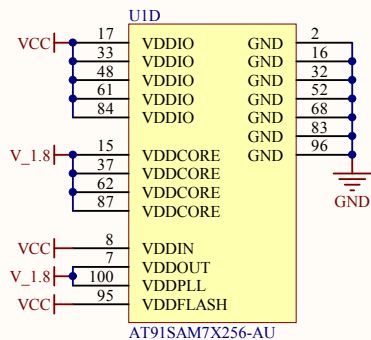
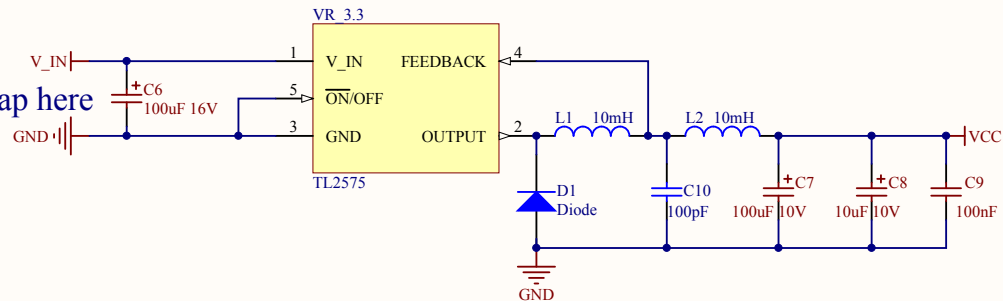
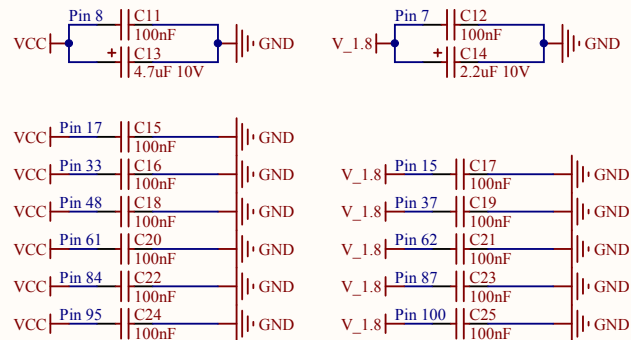



Need to have >24V Cap here



SAM7 Local decoupling capacitors
Probably just via these straight to the ground plane



Title			<i>Altium Limited</i> 3 Minna Close Belrose NSW 2085 <i>Australia</i>	
Size: A4	Number:	Revision:		
Date: 7/05/2011	Time: 1:38:44 p.m.	Sheet of		
File: G:\workspace\mariokart\Altium\Main Board\Power.SchDoc				

Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	0603 Capacitor	C1, C2, C4	CC0603	100nF_CC0603	3
47uF 16V	SM Tantalum Cap	C3	TANT7343	TANT47uF_16V_7343	1
15pF	0603 Capacitor	C5	CC0603	15pF_CC0603	1
DB9_male	DB9 Male Connector	CAN_INPUT	db9_male	db9_male	1
DB9_female	DB9 Female Connector	CAN_OUTPUT	db9_female	db9_female	1
Header 2	Header, 2-Pin	ERASE, JTAGESEL	HDR1X2	Header 2	2
Header 10X2	Header, 10-Pin, Dual row	JTAG	HDR2X10	Header 10X2	1
ZXM61N03FTA	Mosfet N HDMOS Vds:30V, Id:1.4a, sot-23	Q1	SOT-23	ZXM61N03FTA	1
100K	0603 Resistor	R1, R2, R3, R4	R0603	100K_R0603	4
10K	0603 Resistor	R5	R0603	10K_R0603	1
1K	0603 Resistor	R6, R8, R9	R0603	1K_R0603	3
330R	0603 Resistor	R7	R0603	330R_R0603	1
27K	0603 Resistor	R10	R0603	27K_R0603	1
1K5	0603 Resistor	R11	R0603	1K5_R0603	1
47K	0603 Resistor	R12	R0603	47K_R0603	1
27R	0603 Resistor	R13, R14	R0603	27R_R0603	2
330K	0603 Resistor	R15, R16	R0603	330K_R0603	2
SW-PB	Switch	RESET	SPST-2	SW-PB	1
AT91SAM7X256-AU	Smart ARM Microcontroller, ARM7TDMI 32-Bit RISC CPU, 256KB Flash and 64KB SRAM, 100-Pin LQFP, Industrial, Pb-Free	U1	LQFP100_N	AT91SAM7X256-AU	1
ATA6660		U2	SOIC127P600X150-8N	ATA6660	1
USB	USB Type B connector	USB	USB-B	USB-B	1
MCP130T-300I/TT	Microcontroller Supe	VCC_SUP	SOT-23-TT3_N	MCP130T-300I/TT	1