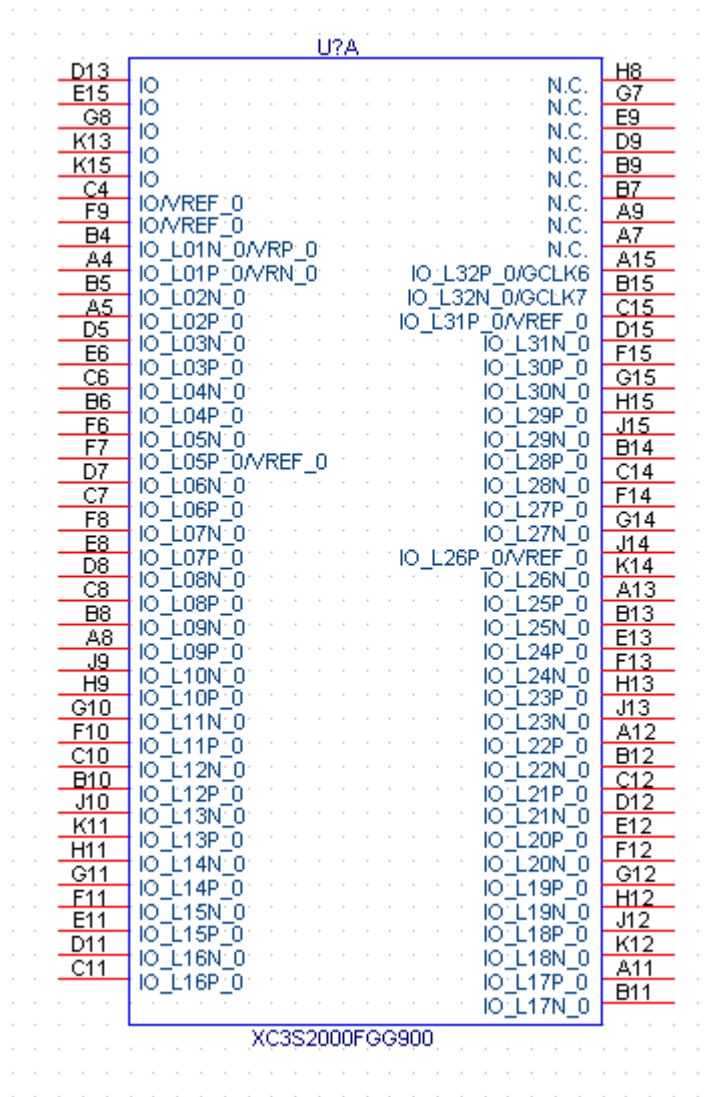


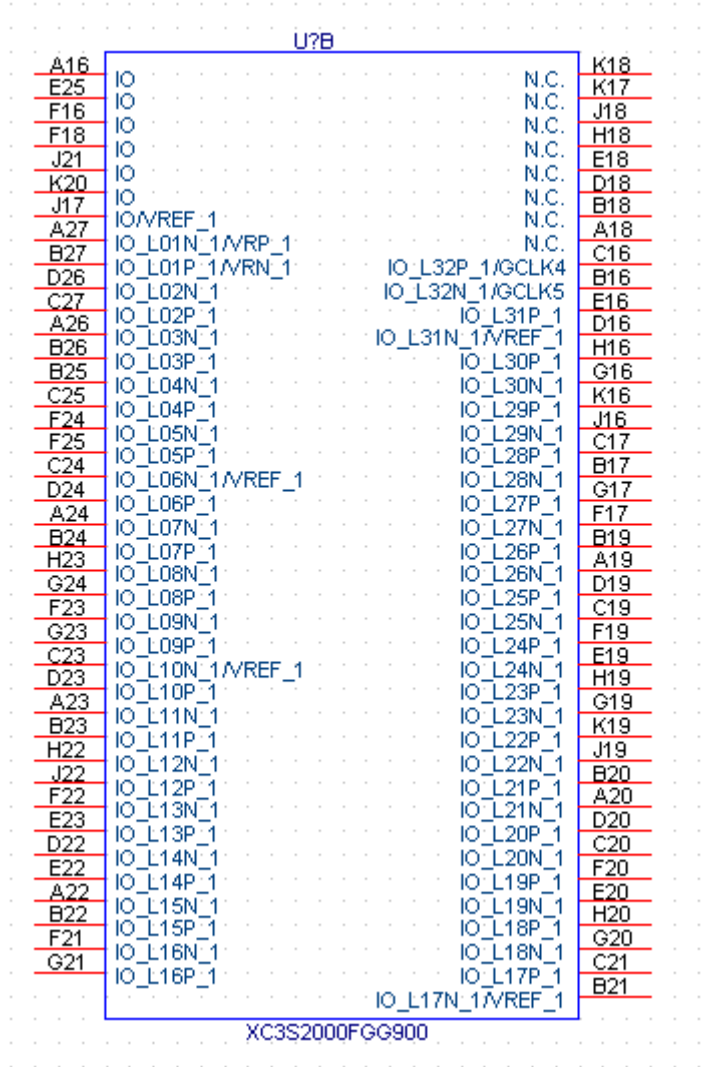
### Schematic Symbol for XC3S2000 FGG900

The Schematic symbol consists of 12 heterogeneous parts that are listed below:

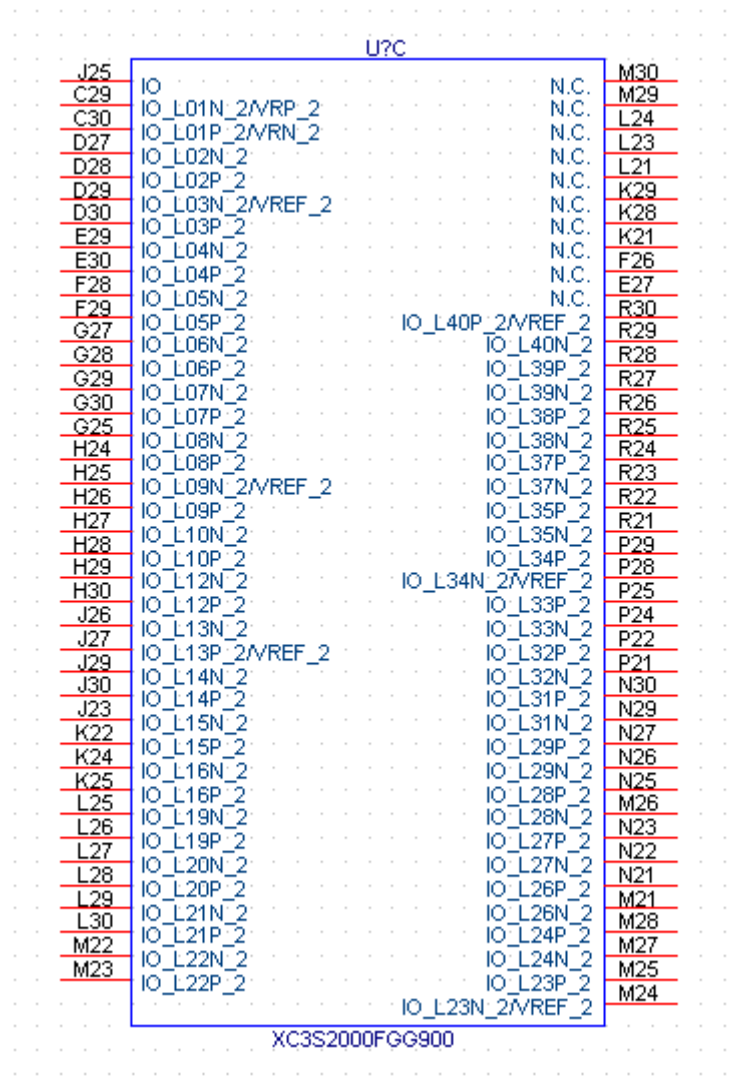
#### 1. I/O Bank 0



## 2. I/O Bank 1



### 3. I/O Bank 2



#### 4. I/O Bank 3

		U?D	
AB25	IO		W28
AH30		N.C.	W27
AH29	IO_L01N_3/VRP_3		W25
AG28	IO_L01P_3/VRN_3		W24
AG27	IO_L02N_3/VREF_3		W23
AG30	IO_L02P_3		W22
AG29	IO_L03N_3		V27
AF30	IO_L03P_3		V26
AF29	IO_L04N_3		T29
AE26	IO_L04P_3	IO_L40P_3	T30
AF27	IO_L05N_3	IO_L40N_3/VREF_3	T27
AE29	IO_L05P_3	IO_L39P_3	T28
AE28	IO_L06N_3	IO_L39N_3	T25
AD28	IO_L06P_3	IO_L38P_3	T26
AD27	IO_L07N_3	IO_L38N_3	T23
AD30	IO_L07P_3	IO_L37P_3	T24
AD29	IO_L08N_3	IO_L37N_3	T21
AC24	IO_L08P_3	IO_L35P_3	T22
AD25	IO_L09N_3	IO_L35N_3	U28
AC26	IO_L09P_3/VREF_3	IO_L34P_3/VREF_3	U29
AC25	IO_L10N_3	IO_L34N_3	U24
AC28	IO_L10P_3	IO_L33P_3	U25
AC27	IO_L11N_3	IO_L33N_3	U21
AC30	IO_L11P_3	IO_L32P_3	U22
AC29	IO_L13N_3/VREF_3	IO_L32N_3	V29
AB27	IO_L13P_3	IO_L31P_3	V30
AB26	IO_L14N_3	IO_L31N_3	W26
AB30	IO_L14P_3	IO_L29P_3	V25
AB29	IO_L15N_3	IO_L29N_3	V22
AA22	IO_L15P_3	IO_L28P_3	V23
AB23	IO_L16N_3	IO_L28N_3	W21
AA25	IO_L16P_3	IO_L27P_3	V21
AA24	IO_L17N_3	IO_L27N_3	W29
AA29	IO_L17P_3/VREF_3	IO_L26P_3	W30
AA28	IO_L19N_3	IO_L26N_3	Y29
Y21	IO_L19P_3	IO_L24P_3	Y30
AA21	IO_L20N_3	IO_L24N_3	Y27
Y24	IO_L20P_3	IO_L23P_3/VREF_3	Y28
Y23	IO_L21N_3	IO_L23N_3	Y25
	IO_L21P_3	IO_L22P_3	Y26
		IO_L22N_3	

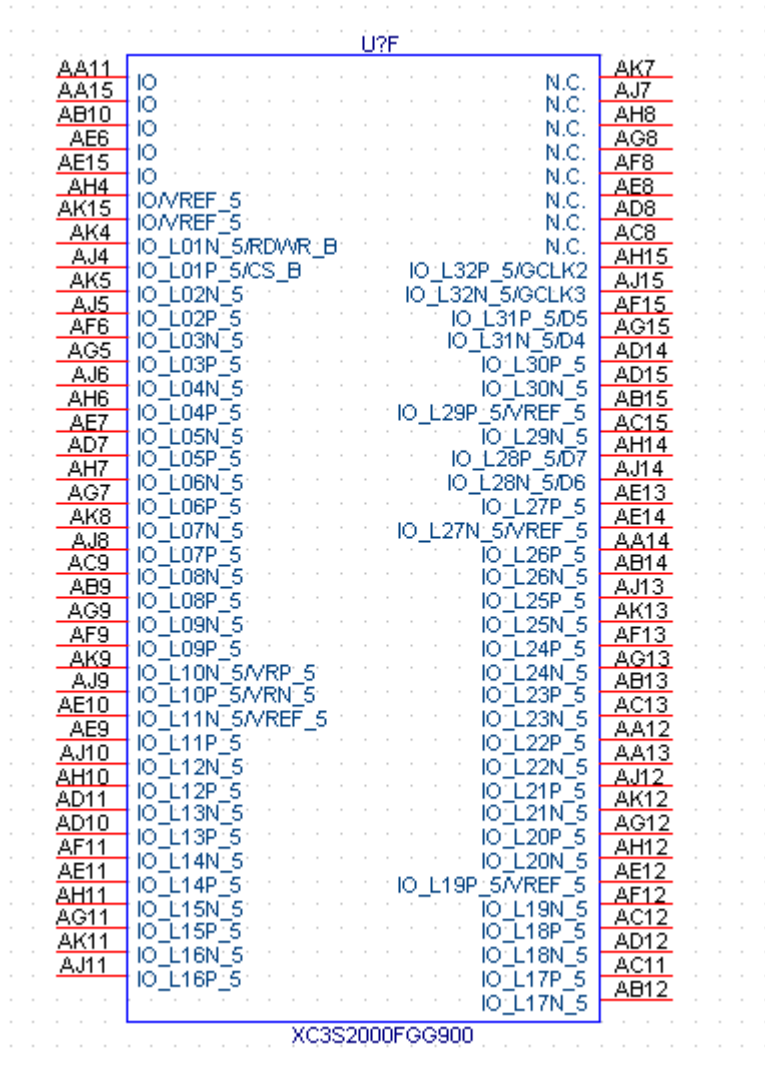
XC3S2000FGG900

### 5. I/O Bank 4

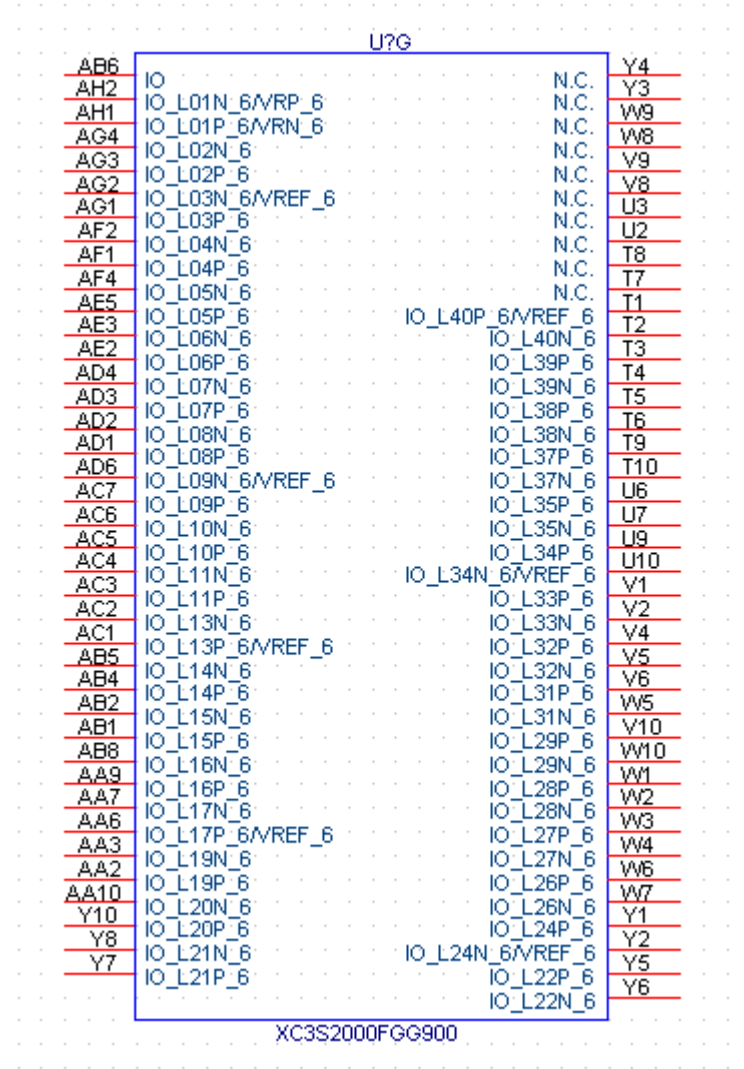
U?E			
AA16	IO		N.C.
AA18	IO		N.C.
AD23	IO		N.C.
AE22	IO		N.C.
AG18	IO		N.C.
AH27	IO		N.C.
AF16	IO		N.C.
AK28	IO/VREF_4		N.C.
AJ27	IO/VREF_4		N.C.
AK27	IO_L01N_4/VRP_4	IO_L32P_4/GCLK0	AK16
AJ26	IO_L01P_4/VRN_4	IO_L32N_4/GCLK1	AJ16
AK26	IO_L02N_4	IO_L31P_4/DOUT/BUSY	AH16
AG26	IO_L02P_4	IO_L31N_4/INIT_B	AG16
AF25	IO_L03N_4	IO_L30P_4/D3	AE16
AD24	IO_L03P_4	IO_L30N_4/D2	AD16
AC23	IO_L04N_4	IO_L29P_4	AC16
AE23	IO_L04P_4	IO_L29N_4	AE16
AF23	IO_L05N_4	IO_L28P_4	AJ17
AG23	IO_L05P_4	IO_L28N_4	AH17
AH23	IO_L06N_4/VREF_4	IO_L27P_4/D1	AE17
AJ23	IO_L06P_4	IO_L27N_4/DIN/D0	AD17
AK23	IO_L07N_4	IO_L26P_4/VREF_4	AH17
AB22	IO_L07P_4	IO_L26N_4	AA17
AC22	IO_L08N_4	IO_L25P_4	AK18
AF22	IO_L08P_4	IO_L25N_4	AJ18
AG22	IO_L09N_4	IO_L24P_4	AF18
AJ22	IO_L09P_4	IO_L24N_4	AE18
AK22	IO_L10N_4	IO_L23P_4	AC18
AD21	IO_L10P_4	IO_L23N_4	AB18
AE21	IO_L11N_4	IO_L22P_4	AK19
AH21	IO_L11P_4	IO_L22N_4/VREF_4	AJ19
AJ21	IO_L12N_4	IO_L21P_4	AH19
AB21	IO_L12P_4	IO_L21N_4	AG19
AA20	IO_L13N_4	IO_L20P_4	AF19
AC20	IO_L13P_4	IO_L20N_4	AE19
AD20	IO_L14N_4	IO_L19P_4	AD19
AE20	IO_L14P_4	IO_L19N_4	AC19
AF20	IO_L15N_4	IO_L18P_4	AB19
AG20	IO_L15P_4	IO_L18N_4	AA19
AH20	IO_L16N_4	IO_L17P_4	AK20
	IO_L16P_4	IO_L17N_4	AJ20

XC3S2000FGG900

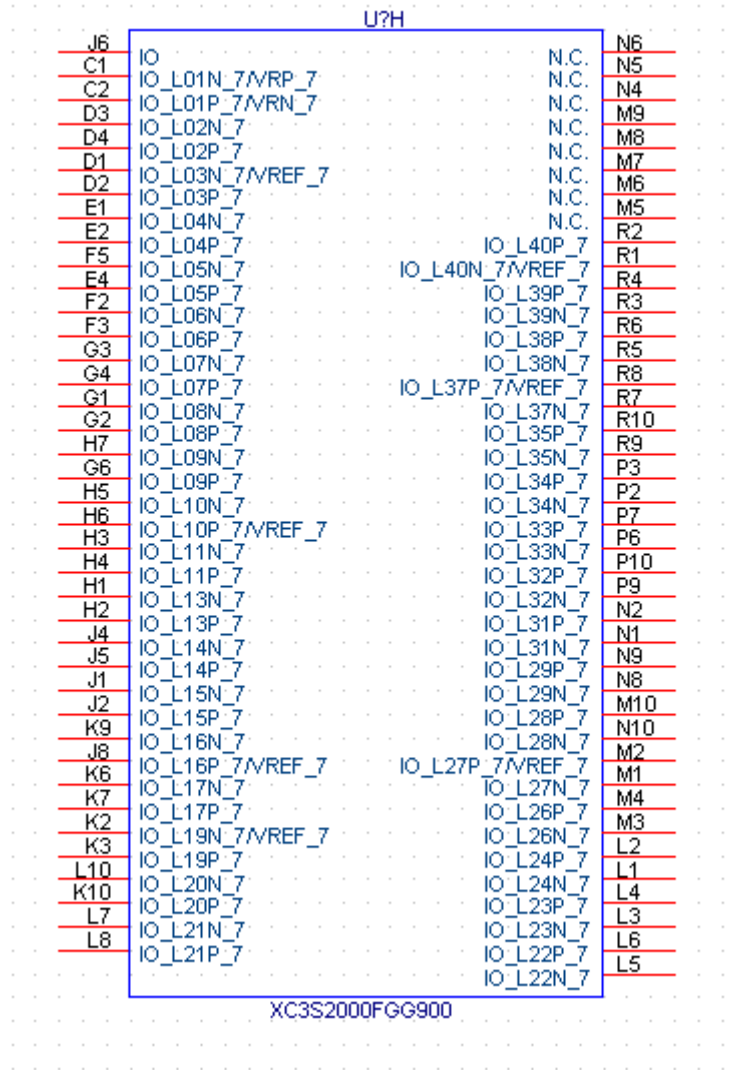
## 6. I/O Bank 5



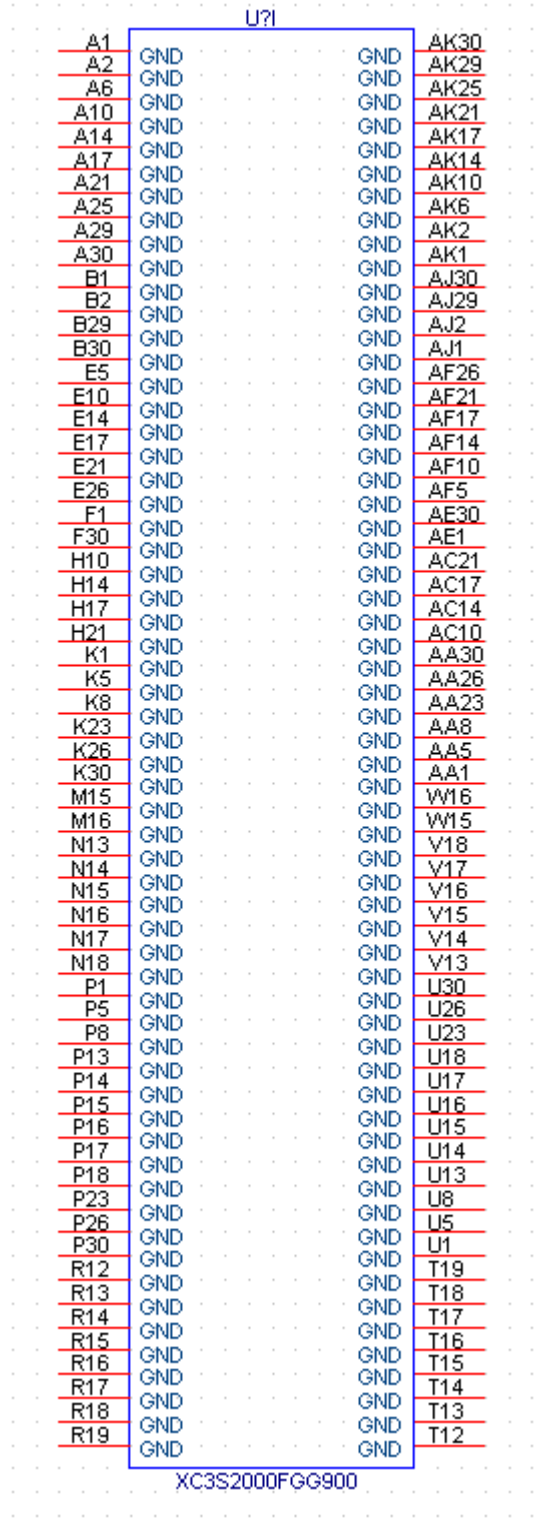
### 7. I/O Bank 6



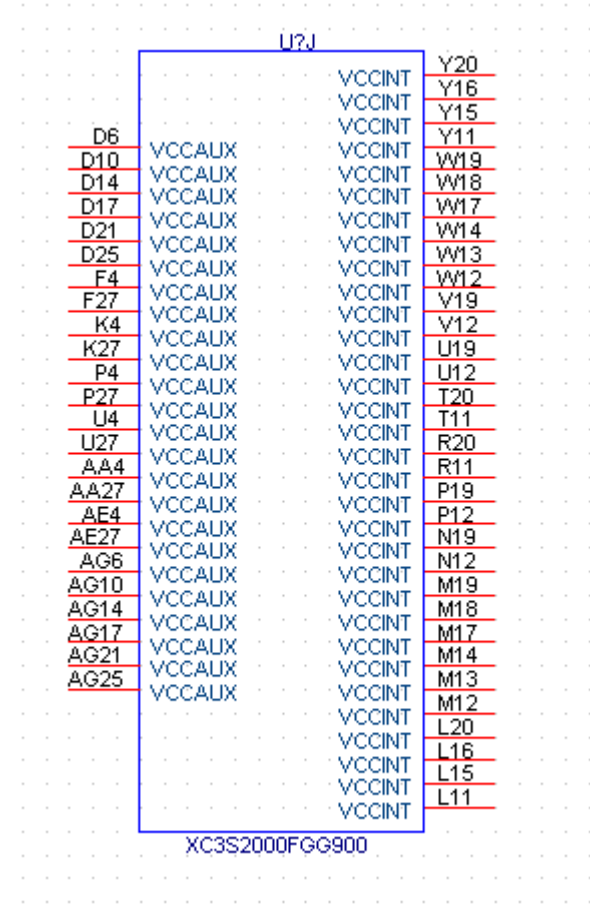
### 8. I/O Bank 7



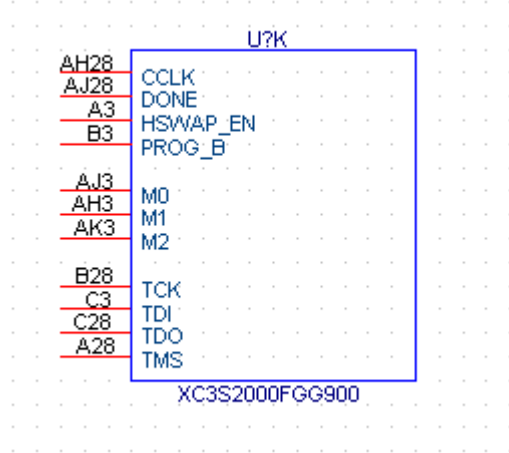
## 9. Ground



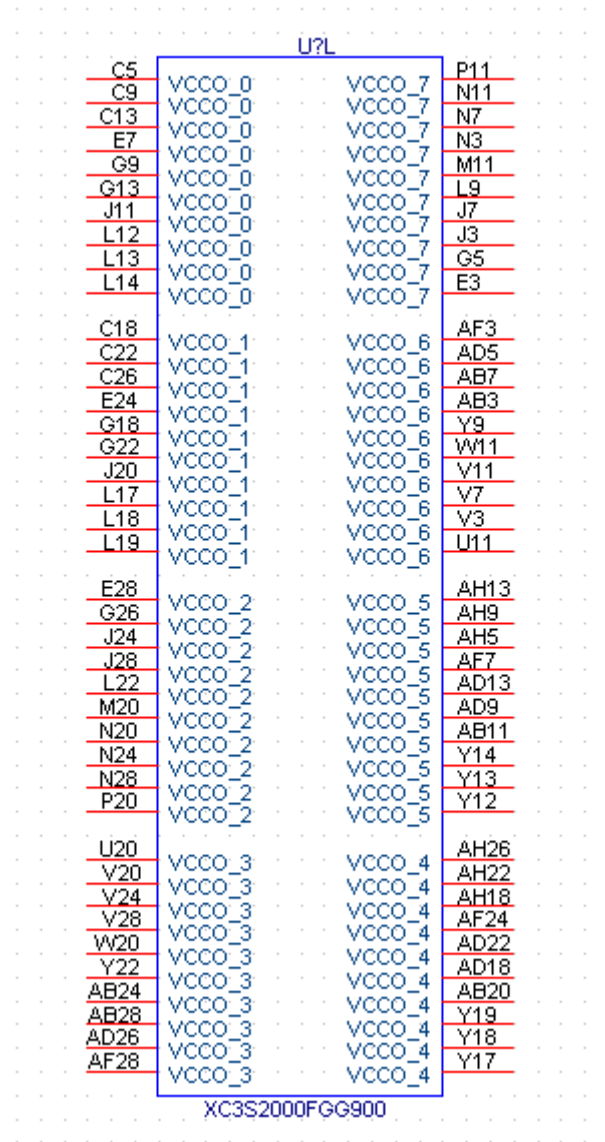
### 10. Power 1



## 11. Programming and configuration



## 12. Power 2



### 13. Revision History

	Revision	Date	By	Comments
1	1.01	Aug. 29, 2007	MD	Initial Release