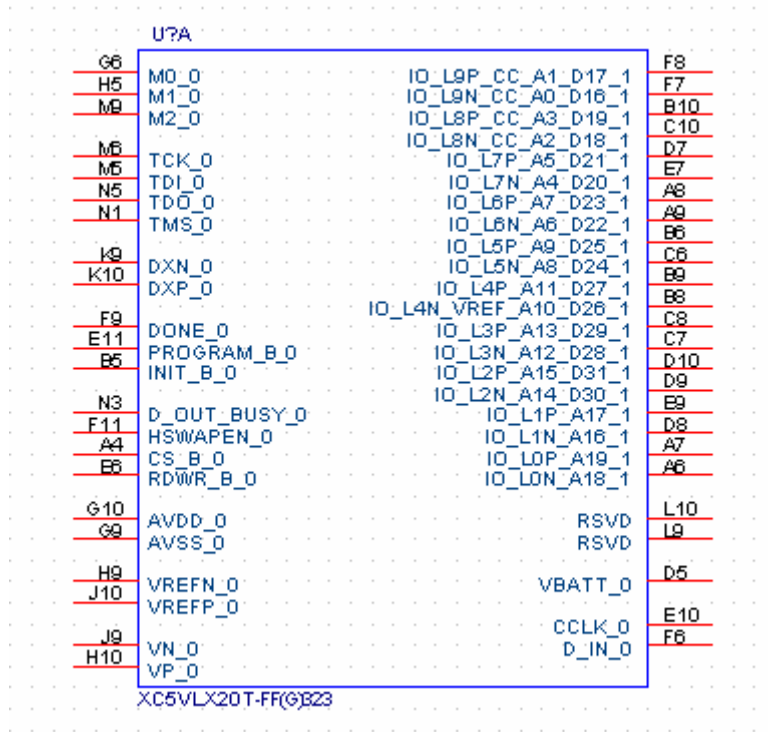


## Schematic Symbol for XC5VLX20T-FF(G)323

The Schematic symbol consists of 9 heterogeneous parts that are listed below:

### 1. Programming Interface and Bank 1



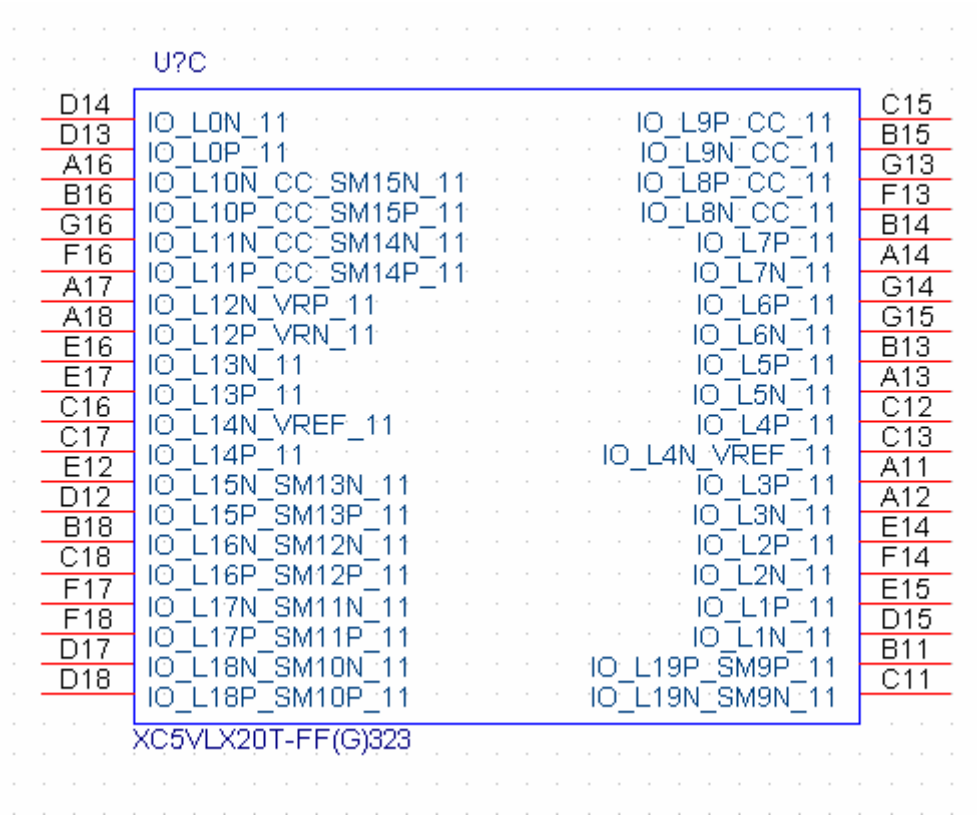
## 2. I/O Banks 2 and 4

U?B

T1	IO_L0N_CC_RS0_2	IO_L9P_CC_GC_4	P8
R1	IO_L0P_CC_RS1_2	IO_L9N_CC_GC_4	P7
U1	IO_L1N_CC_A24_2	IO_L8P_CC_GC_4	T7
V1	IO_L1P_CC_A25_2	IO_L8N_CC_GC_4	R7
P3	IO_L2N_A22_2	IO_L7P_GC_VRN_4	N8
P2	IO_L2P_A23_2	IO_L7N_GC_VRP_4	M8
V3	IO_L3N_A20_2	IO_L6P_GC_4	V8
V2	IO_L3P_A21_2	IO_L6N_GC_4	V7
T2	IO_L4N_VREF_FOE_B_MOSI_2	IO_L5P_GC_4	V6
R2	IO_L4P_FCS_B_2	IO_L5N_GC_4	U6
U3	IO_L5N_CSO_B_2	IO_L4P_GC_4	T8
U4	IO_L5P_FWE_B_2	IO_L4N_GC_VREF_4	U8
R4	IO_L6N_D6_2	IO_L3P_GC_D9_4	T6
P4	IO_L6P_D7_2	IO_L3N_GC_D8_4	R6
V5	IO_L7N_D4_2	IO_L2P_GC_D11_4	T9
U5	IO_L7P_D5_2	IO_L2N_GC_D10_4	U9
R5	IO_L8N_D2_FS2_2	IO_L1P_GC_D13_4	N7
P5	IO_L8P_D3_2	IO_L1N_GC_D12_4	N6
T3	IO_L9N_D0_FS0_2	IO_L0P_GC_D15_4	R9
T4	IO_L9P_D1_FS1_2	IO_L0N_GC_D14_4	P9

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### 3. I/O Bank 11



#### 4. I/O Bank 13

U?D			
J14	IO_L0N_SM8N_13	IO_L9P_CC_SM0P_13	K16
H13	IO_L0P_SM8P_13	IO_L9N_CC_SM0N_13	L16
M18	IO_L10N_CC_13	IO_L8P_CC_SM1P_13	N12
N18	IO_L10P_CC_13	IO_L8N_CC_SM1N_13	M11
L13	IO_L11N_CC_13	IO_L7P_SM2P_13	L18
M14	IO_L11P_CC_13	IO_L7N_SM2N_13	L17
N17	IO_L12N_VRP_13	IO_L6P_SM3P_13	H15
P18	IO_L12P_VRN_13	IO_L6N_SM3N_13	H16
K14	IO_L13N_13	IO_L5P_SM4P_13	J17
L14	IO_L13P_13	IO_L5N_SM4N_13	K17
P17	IO_L14N_VREF_13	IO_L4P_13	K12
R17	IO_L14P_13	IO_L4N_VREF_13	L12
M13	IO_L15N_13	IO_L3P_SM5P_13	H18
N13	IO_L15P_13	IO_L3N_SM5N_13	J18
R16	IO_L16N_13	IO_L2P_SM6P_13	J15
R15	IO_L16P_13	IO_L2N_SM6N_13	K15
P15	IO_L17N_13	IO_L1P_SM7P_13	H17
P14	IO_L17P_13	IO_L1N_SM7N_13	G18
M16	IO_L18N_13	IO_L19P_13	N15
N16	IO_L18P_13	IO_L19N_13	M15

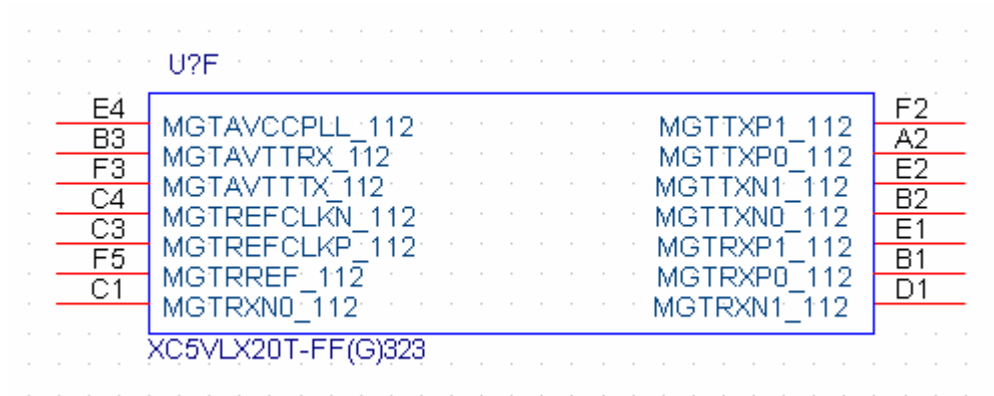
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### 5. I/O Bank 17

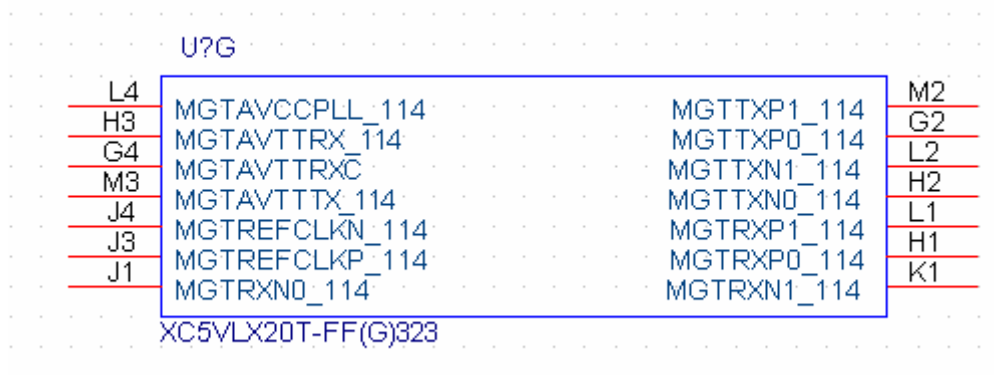
U?E			
V17	IO_L10N_CC_17	IO_L9P_CC_17	U16
V18	IO_L10P_CC_17	IO_L9N_CC_17	U15
R11	IO_L11N_CC_17	IO_L8P_CC_17	P10
R10	IO_L11P_CC_17	IO_L8N_CC_17	N10
V15	IO_L12N_VRP_17	IO_L7P_17	T18
V16	IO_L12P_VRN_17	IO_L7N_17	U18
U11	IO_L13N_17	IO_L6P_17	T12
T11	IO_L13P_17	IO_L6N_17	R12
T14	IO_L14N_VREF_17	IO_L5P_17	T17
R14	IO_L14P_17	IO_L5N_17	T16
U10	IO_L15N_17	IO_L4P_17	M10
V10	IO_L15P_17	IO_L4N_VREF_17	N11
T13	IO_L16N_17	IO_L19P_17	V12
U14	IO_L16P_17	IO_L19N_17	V11
P13	IO_L17N_17	IO_L18P_17	U13
P12	IO_L17P_17	IO_L18N_17	V13

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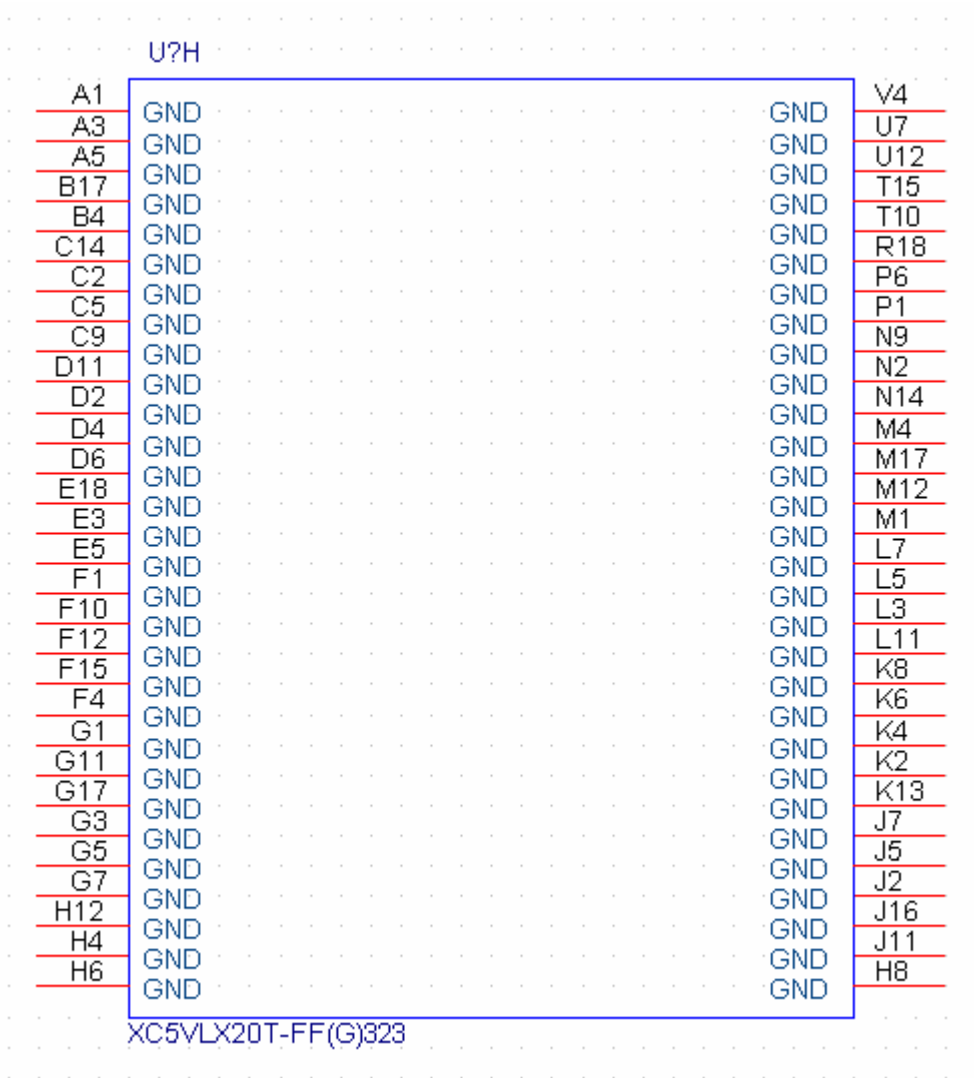
## 6. MGT 112



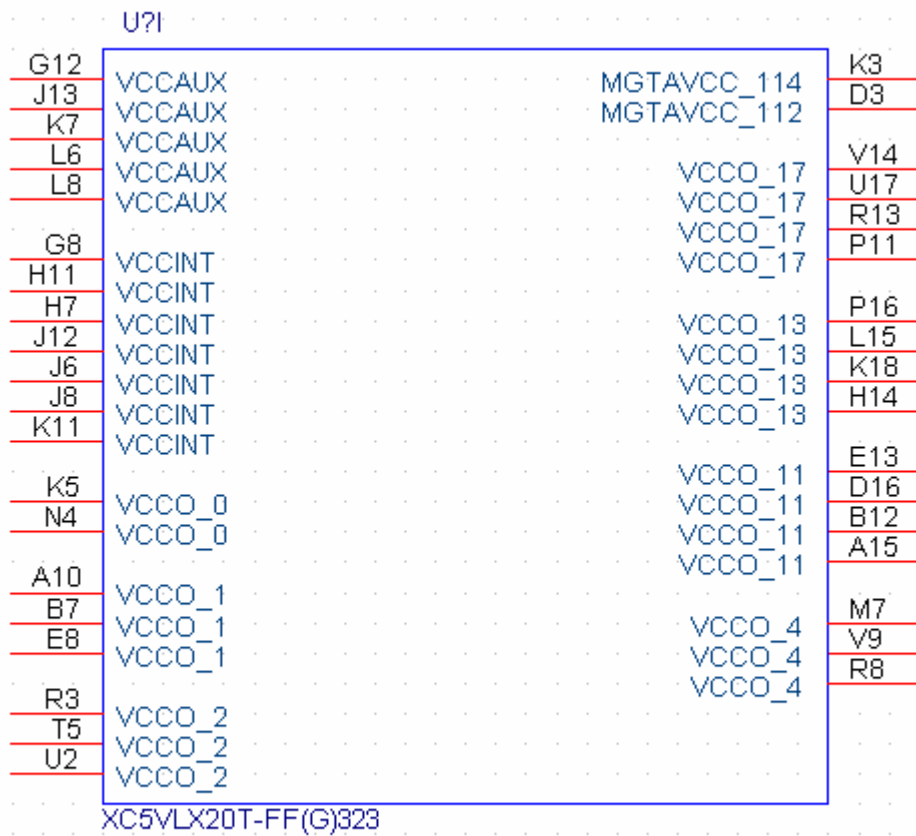
## 7. MGT 114



## 8. GND



### 9. Power



### 10. Revision History

	Revision	Date	By	Comments
1	1	August 4, 2009	AC	Initial Release