



**ECL Input**

U10/U20 = 10H125  
 RN10/RN20 = 100 Ohm  
 RN11/RN21 = 1K (SIL5, pins 1 to 5)  
 RN12/RN22 = 1K (SIL5, pins 1 to 5)  
 R10/R20 = 0 Ohm

not used: R11, C10, C11, RN13  
 not used: R21, C20, C21, RN23  
 not used: R15, J15, U15

**NIM Input**

U10/U20 = 10H125  
 RN11/RN21 used as connector for LEMO-card  
 RN12/RN22 = 0 Ohm ( pins 1, 2, 3, 4, 5 are connected together )

R10/R20 = 560 Ohm  
 R11/R21 = 39 Ohm  
 C10/C20 = 100 nF

U15 (pins 1 to 5 and 6 to 10) is used with 50 Ohm to GND  
 J15 closed

not used: C11, RN13  
 not used: C21, RN23, R15

**TTL Input**

U15 = 74AS640, 74AS245, 74F240 or 74F245 or ...  
 J15/R15 depends on U15  
 RN13/RN23 = 1K to 4K7

not used U10/U20  
 not used RN10/RN20, RN12/RN22  
 not used: R10, R11, C10, C11,  
 not used: R20, R21, C20, C21,

RN11/RN21 used as connector for LEMO-board

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Title	SIS3800: In/(Output 1-8 (diff.ECL,NIM or TTL)
Size: A3	File: P:\3800\sic3800\protel\y_050898\SCHEMA\G1_input.sch
Date: 7-Jul-1999	T. Hupke   Sheet 8 of 20   REV.: 1.0