

# IMAQ™ D4437 Cable Note to Users

Table 1 lists the pin descriptions for the 37-pin connector on the IMAQ D4437 cable. Use this information to determine how to connect the terminal block to discrete wires.

**Table 1.** Pin Mappings

37-Pin Terminal Block Connector Pin	Signal Name
1	TTL IN(0)
2	TTL IN(1)
3	C
4	TTL OUT(0)
5	TTL OUT(1)
6	C
7	TTL OUT(2)
8	TTL OUT(3)
9	ISO IN(0)
10	ISO IN(1)
11	ISO IN(2)
12	Ciso
13	ISO IN(3)
14	ISO IN(4)
15	ISO IN(5)
16	Ciso
17	Viso
18	Ciso

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**Table 1.** Pin Mappings (Continued)

<b>37-Pin Terminal Block Connector Pin</b>	<b>Signal Name</b>
19	ISO OUT(0)
20	TTL OUT(4)
21	TTL OUT(5)
22	C
23	TTL OUT(6)
24	TTL OUT(7)
25	ISO IN(6)
26	ISO IN(7)
27	ISO IN(8)
28	Ciso
29	ISO IN(9)
30	ISO IN(10)
31	ISO IN(11)
32	Ciso
33	Viso
34	Ciso
35	ISO OUT(1)
36	ISO OUT(2)
37	ISO OUT(3)