Bluetooth transceiver

Cambridge Silicon Radio BC4RE A16U, transmitting and receiving at 230,400 baud.

The startup sequence is a little odd, as the BT module seems to first communicate with the STM32, and only then does the STM32 send the BT module additional start-up code.

Pin	Name	Likely function	Connection	Remarks
1	GND			
2	Vcc			
3				
4				
5				
6		BT2Rx	uC_56	230,400 bps
7		Tx2BT	uC_55	230,400 bps
8				
9				
10				
11				
12	GND			
13	GND			
14			uC_69	TTL signal that goes HI only once, right after turning on the Move.
15			uC_68	Slow frequency TTL signal
16			uC_37	Logic HI. Always on, in spite of Move's power status.
17				
18				
19				
20	GND			
21	GND			
22				
23				

Pin	Name	Likely function	Connection	Remarks
24				
25	Vcc			
26				
27	Vcc			
28				
29				
30				
31				1.8V. Likely that this is the BT module's internal voltage regulator. Always on.
32	GND			
33	GND			
34				
35			uC_67	85Hz signal
36				
37				
38				
39				2.93V. This is always on, in spite of the Move's power status.
40	GND			