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1708 SOC PINOUT

1 - J5p11, J7p1, (PnC related?)
2 - GND
3 - SDA
4 - SCL
5 - POWER OK / SHUTDOWN / ~RESET
6 - D- USB
7 - D+ USB
8 - GND
9 - LED
10 - GND
11 - GU
12 - 3.3v
13 - RSY
14 - U5p3, Light Rumble
15 - B (thru R29, 100)
16 - GND
17 - PK4, Headset Right Speaker (thru FB2)
18 - GND
19 - RSX
20 - J8p11
21 - J8p10
22 - U2p2 (Reg control for J8p9?)
23 - GND
24 - J8p8 (thru R2, 33)
25 - J8p7
26 - J8p5 (thru R1, 33)
27 - J8p4 (thru R3, 33)
28 - GND
29 - PK6, Headset Mic (thru R22, 0 then R229, 0)
30 - GND
31 - 3.3v
32 - PK2, Headset Left Speaker (thru FB1)
33 - Q1p3
34 - GND
35 - PK7 (thru R10, 10k)
36 - GND (thru a trace, possibly -vRef?)
37 - 3.3v
38 - Connected internally to 76, (TP3 on main board)
39 - GND
40 - U9p3 (thru R38, 0) LT/RT VCC for Hall Sensors, 3.2v Reg (pulsed)
41 - GND
42 - vRef (1.8v)
43 - NC, goes to TP4 and R12 which is not populated
44 - SW4 (Not Installed)
45 - GND
46 - U8p3 (thru R35, 0) Stick AN+, 1.8v Reg
47 - U4p3, Heavy Rumble
48 - U4p2, LT Rumble
49 - U4p4, Heavy Rumble
50 - U4p1, LT Rumble
51 - GND
52 - LT
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53 - LSY
54 - LSX
55 - LSC (thru R16, 33)
56 - GND
57 - PK4, Headset (thru R79, 1k)
58 - PK3, Headset
59 - SDA2, J7p3, J8p2 (PnC Battery and Expansion port)
60 - SCL2, J7p2 (thru R15, 0), J8p3 (PnC Battery and Expansion port)
61 - GND
62 - RT
63 - GND
64 - U5p1, RT Rumble
65 - U5p4, Light Rumble
66 - U5p2, RT Rumble
67 - GND
68 - USB 5v Detect (via Divider R7 (1M) and R8 (500k) 0v = No USB 5v,
1.6v = USB 5v present)
69 - GND
70 - J5p3 (3v Wired), (Battery Voltage Wireless)
71 - GND
72 - 3.3v
73 - J1p5
74 - J1p7 (TP72)
75 - J1p6 (TP71)
76 - J1p4, Connected internally to 38
77 - J1p3
78 - GND
79 - GND
80 - RSC (thru R21, 33)
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