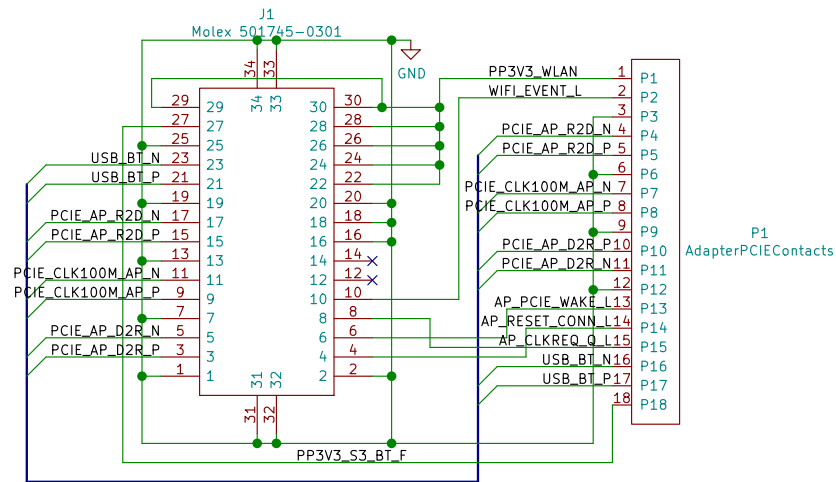**Notes:**

Newer devices use power state S4 to save more power.
We will use S3 state as that is what's available on Unibody Macbooks.

MacBook Air, Pro, and iMac 2013–2015 models have the same exact wireless connector,
so the adapter can accept any of the different Wireless cards across all 3 models.
The iMac card is the larger of the 3, with 4 antenna connectors.
The MBPro is in the middle in terms of size, and has 3 antenna connectors.
The MBAir is the smallest and has 2 antenna connectors.
The MacBook wireless cards have smaller antenna connectors,
so you will need to desolder them and solder the larger ones from the
old wireless card in your Unibody MacBook. (UFL connector)

The new wireless cards do not use SMBus like the old ones.
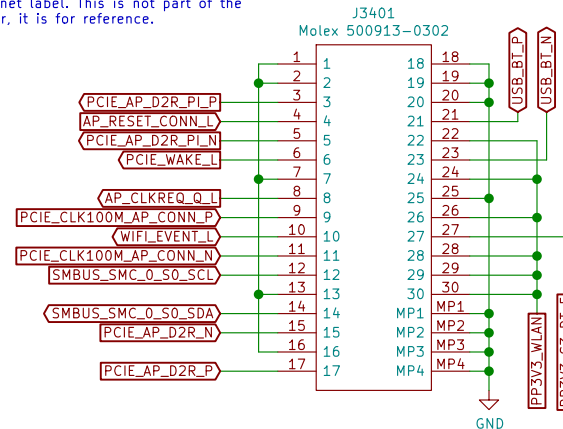Those pins will be left unconnected.

The connector for the adapter is a Molex part and can be pulled
from a Uniboy Wireless flex cable or purchased new.

Unibody to Standard Wireless Card Adapter: (Variant 1: Edge Board Connector)

J1
Molex 501745-0301

Unibody MacBook Logic Board Connector:

The part featured here is a connector
from Molex. Part number is listed
under net label. This is not part of the
adapter, it is for reference.

J3401
Molex 500913-0302

Sheet: /
File: MBP Universal Upgrade.sch

Title: Unibody MacBook Pro Wireless Upgrade – Schematic

| Size: USLetter | Date: 2021–03–08 | | **Rev: 1.0** |
| KiCad E.D.A. kicad (5.1.7)-1 | | | Id: 1/1 |