



Need to put
or
Done / accounted for

- Parts crossed out - **should** be soldered already (sanity check this) done or highlighted here
- Anything circled is required for IMD (this isn't the IMD stuff labelled on the sheet, we are skipping the extra timing delay and borrowing the **AMS circuit**)
- AMS circuit (used for the IMD) has notes for pull-up as required by the new IMD
 - pull-up resistor will need to be connected to 5V via closest pad and maybe some wire
- power stage config checked, only install circled ones
- separate ground and vcc plane for AMS (don't forget to add resistors to connect them to the rest of the board)
- no lights installed on board currently, there are pins that provide signals for LEDs via connector
- IMD timing circuit missing pull-down (find a nearby pad and short to GND via 10K)
- short solder bridges (e.g. S83) to skip inverters if not needed
- LM2903YD** may be backwards lol, but both are installed as per convention (either 2 blow or 2 gucci)
- optocouplers are for grounding cap charge in RC circuit, may not be needed but they're there



