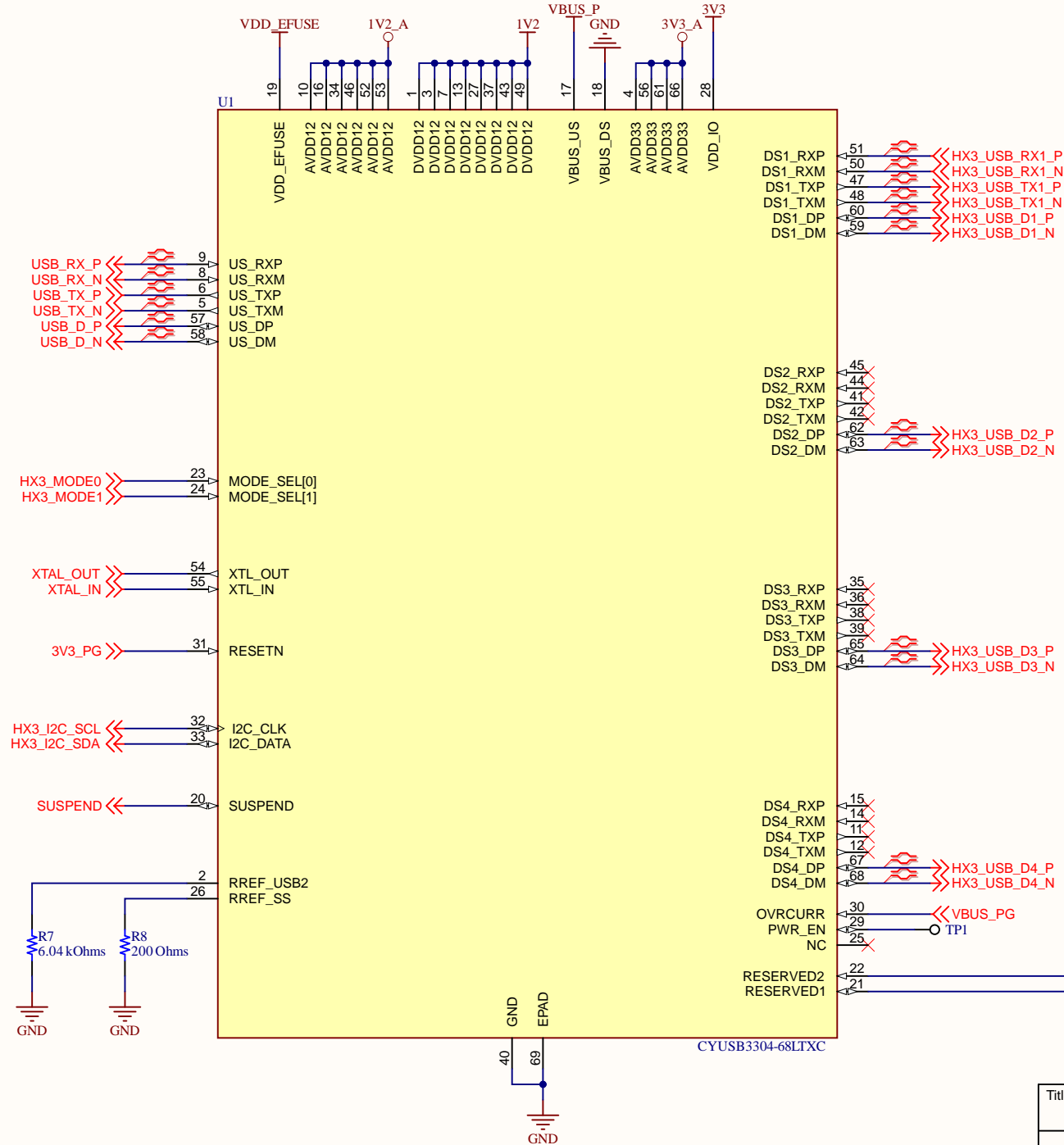
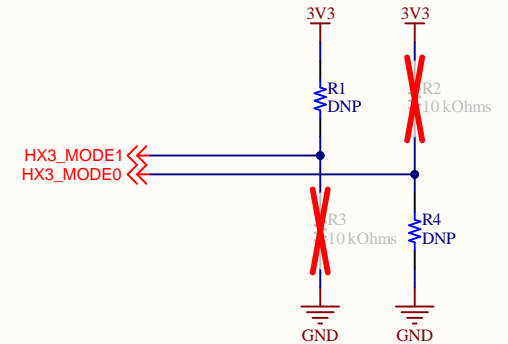


HX3 USB HUB



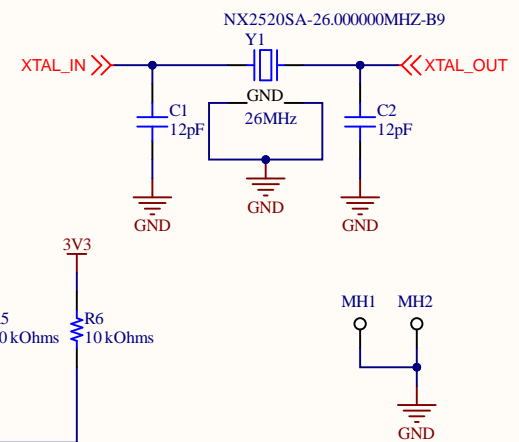
HX3 MODES



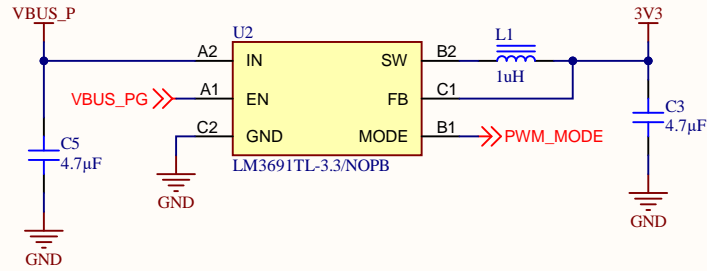
MODE SEL[1]	MODE SEL[0]	HX3 Configuration Modes
0	0	Reserved. Do not use this mode.
1	1	Internal ROM configuration
0	1	I ² C Master, read configuration from I ² C EEPROM
1	0	I ² C Slave, configure from an external I ² C Master

Download Cypress-provided firmware from www.cypress.com/hx3.

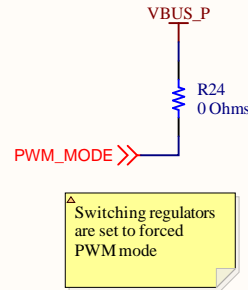
HX3 CLOCK



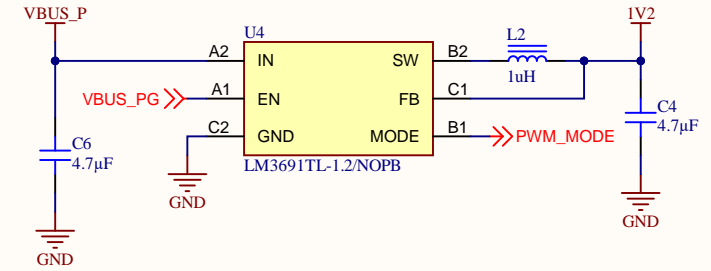
3.3V REGULATOR



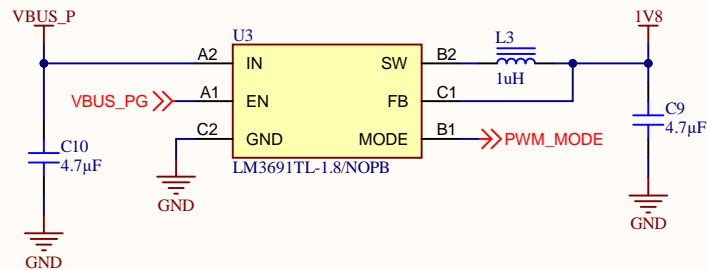
PWM/ECO MODE



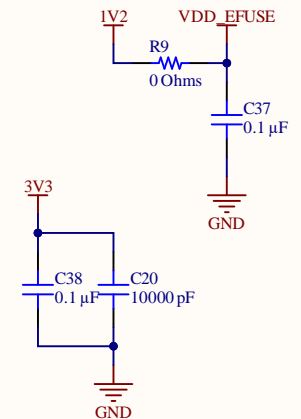
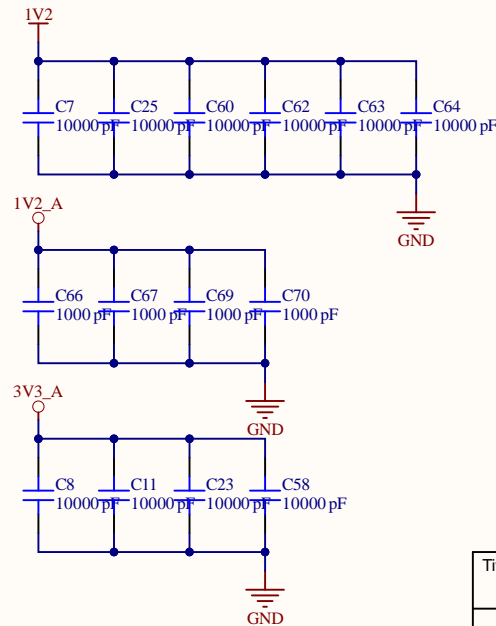
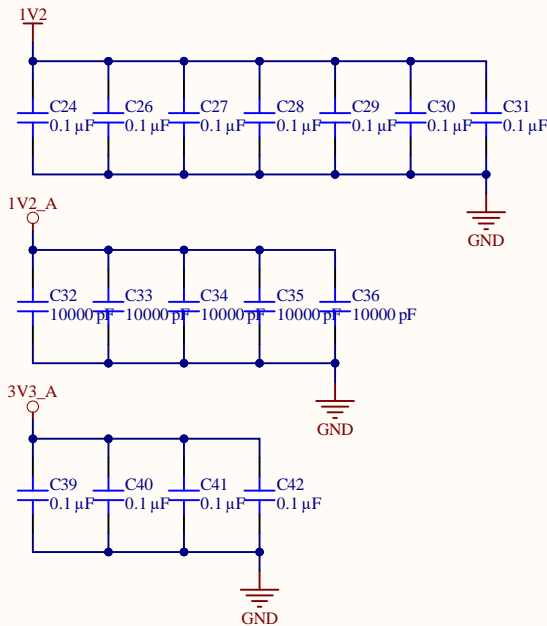
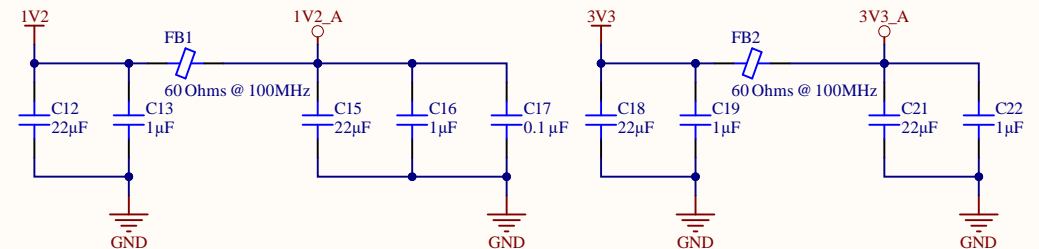
1.2V REGULATOR



1.8V REGULATOR



POWER FILTERING

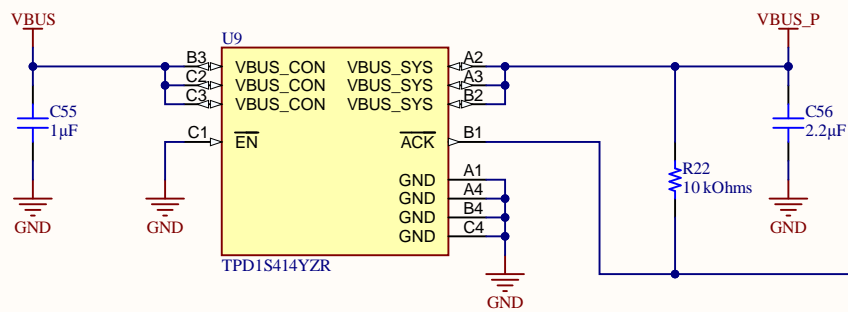


Title HX3_Power.SchDoc

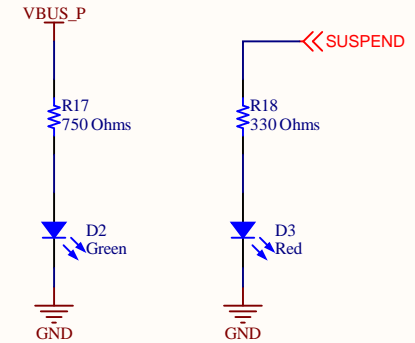
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Sheet 2 of 5

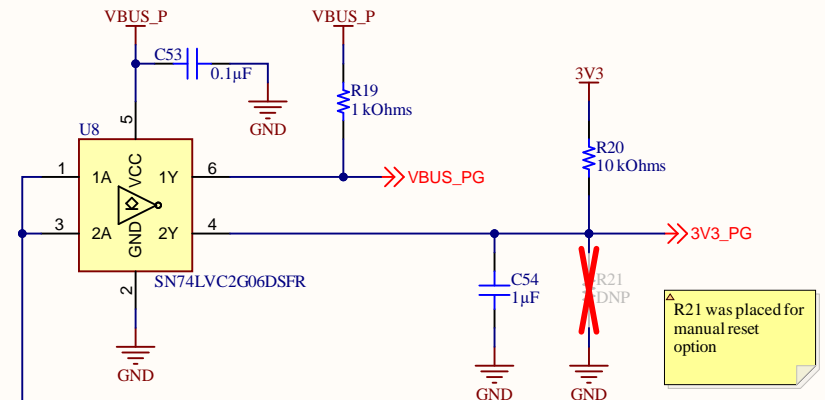
USB UVP/OVP IC



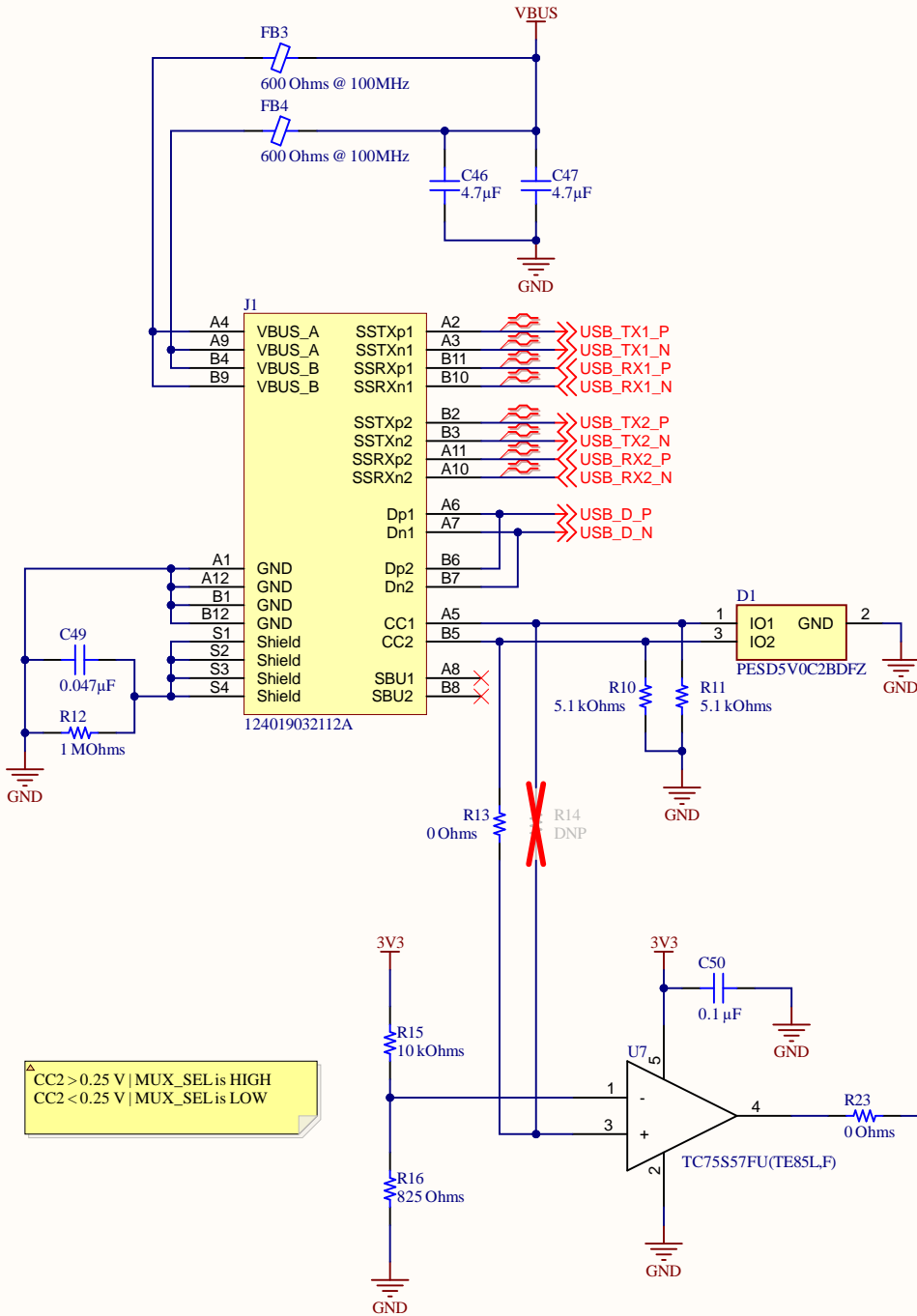
POWER & SUSPEND LEDS



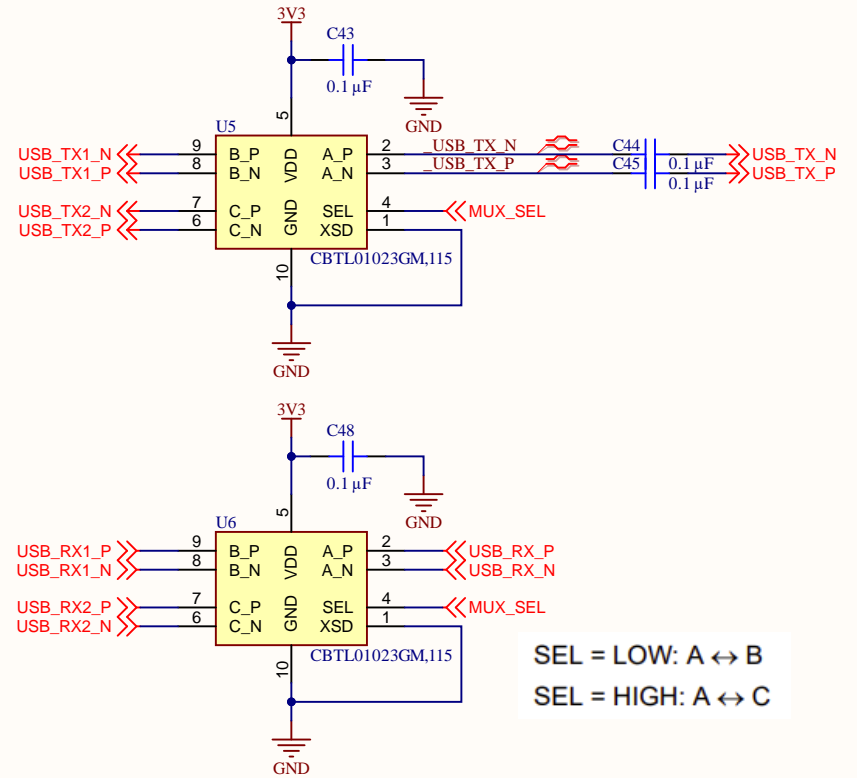
POWER GOOD SIGNALS



USB C CONNECTOR



USB C MUXES

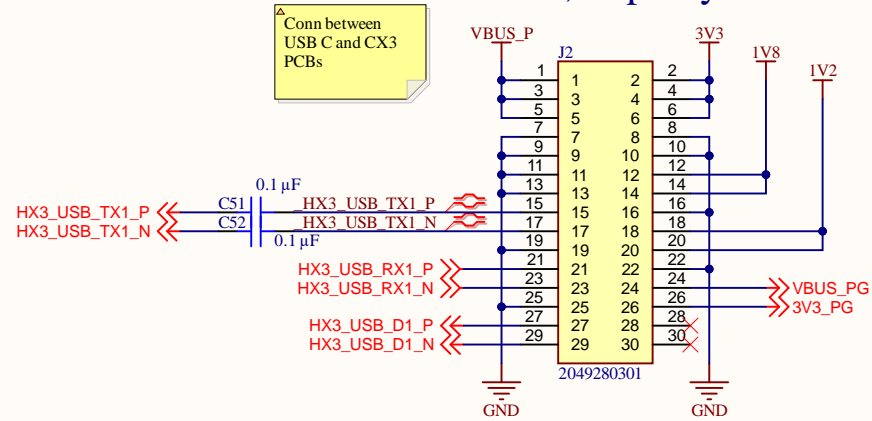


SEL = LOW: $A \leftrightarrow B$
SEL = HIGH: $A \leftrightarrow C$

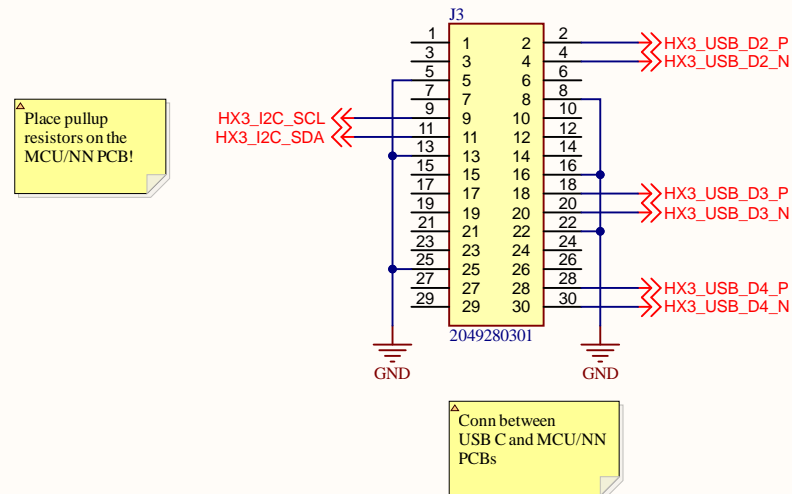
Title	HX3_USB.SchDoc
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Female, Top Layer



Female, Top Layer



Title HX3_Connectors.SchDoc

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