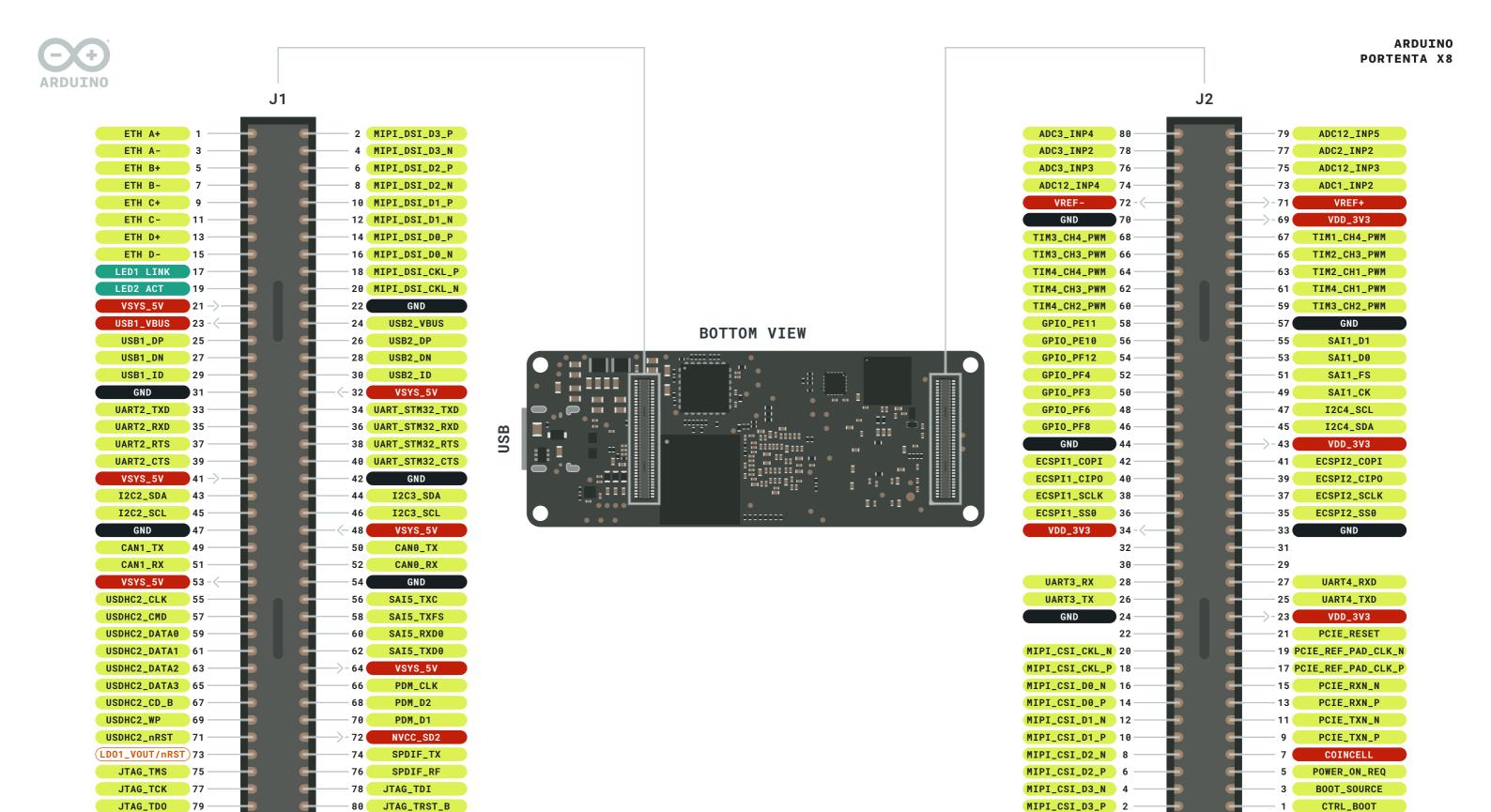


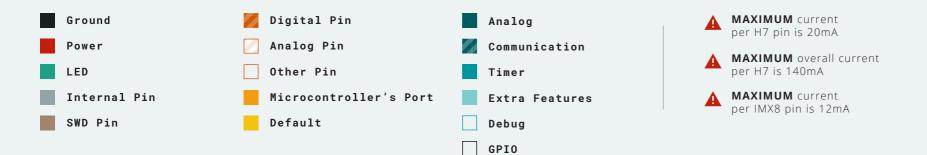
MAXIMUM current Digital Pin Ground Analog per H7 pin is 20mA Analog Pin Communication **MAXIMUM** overall current per H7 is 140mA Other Pin **MAXIMUM** current per IMX8 pin is 12mA Internal Pin Microcontroller's Port Extra Features SWD Pin Default Debug GPI0

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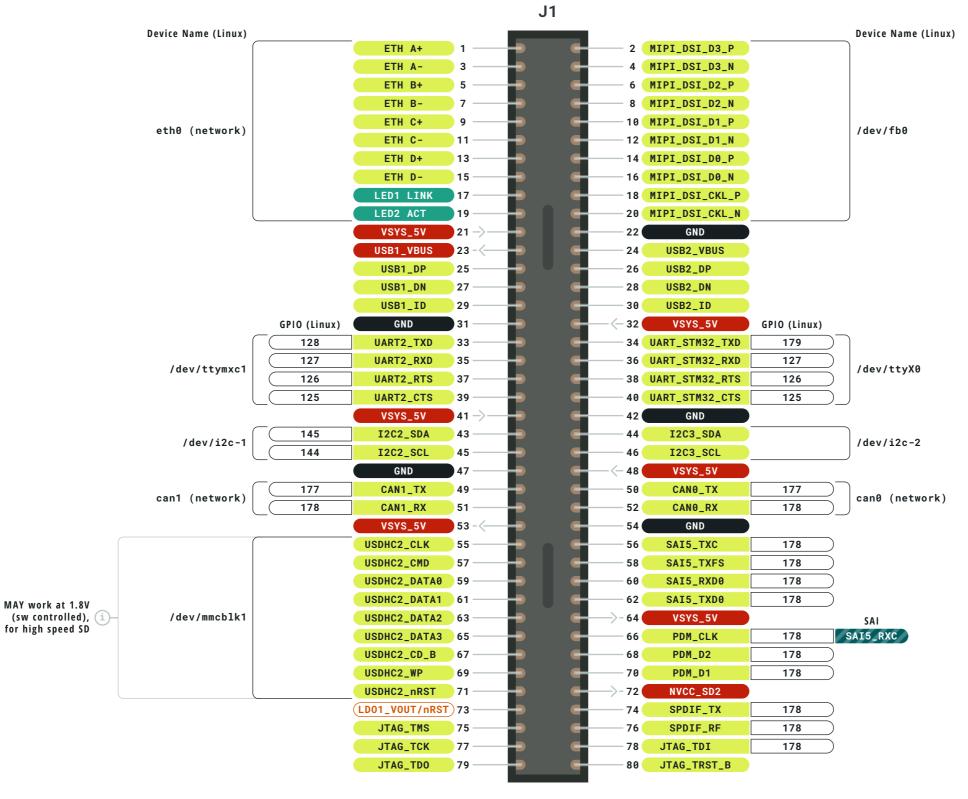
Last update: Mar 22, 2022

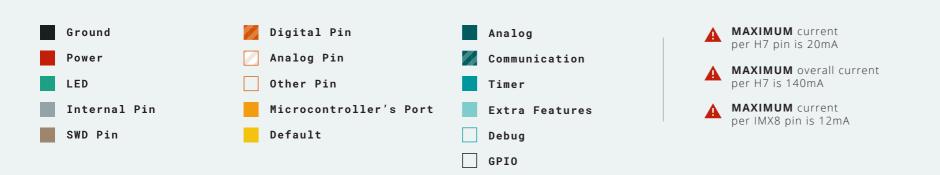






J1 High Density Connector





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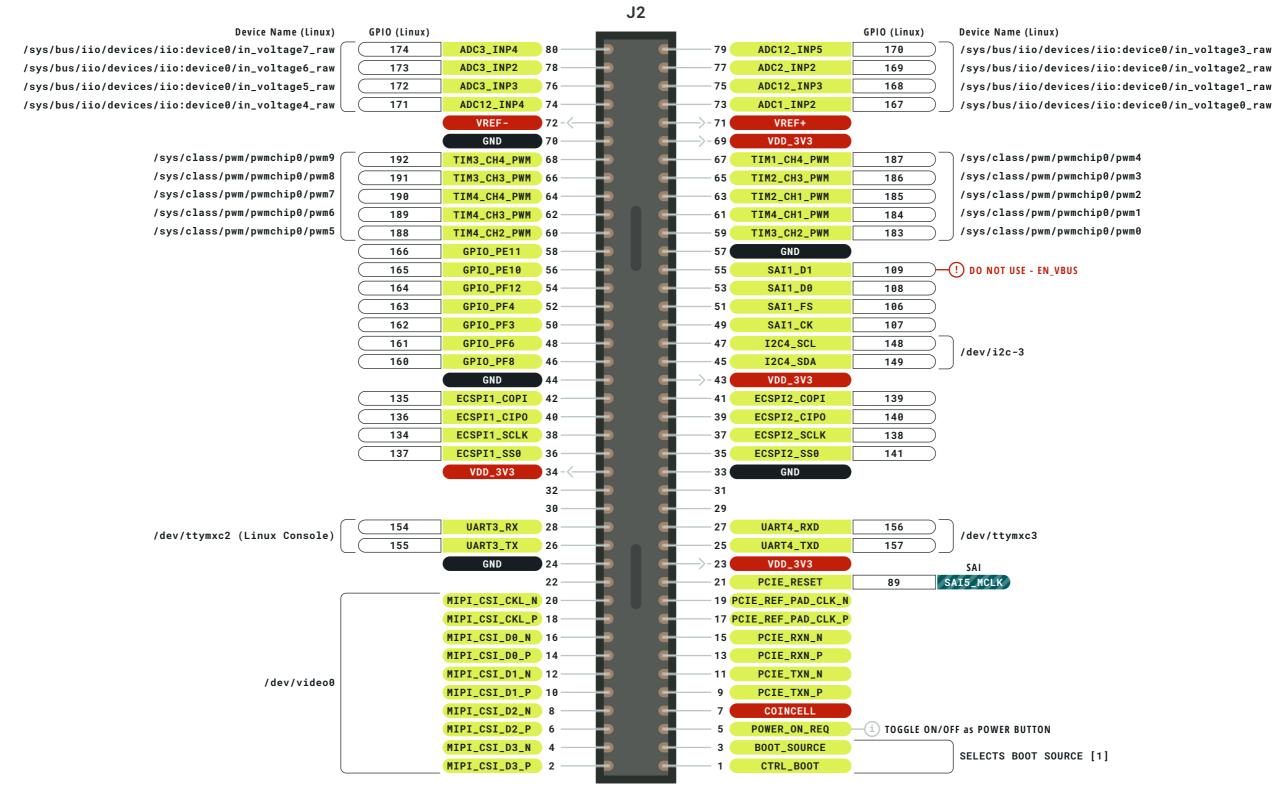
Last update: Mar 22, 2022

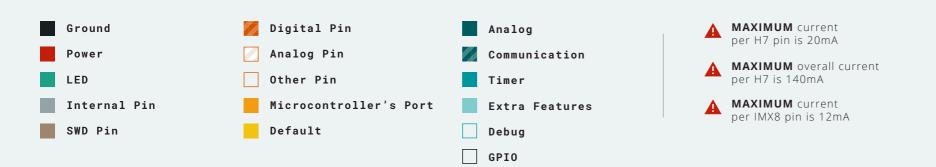






J2 High Density Connector



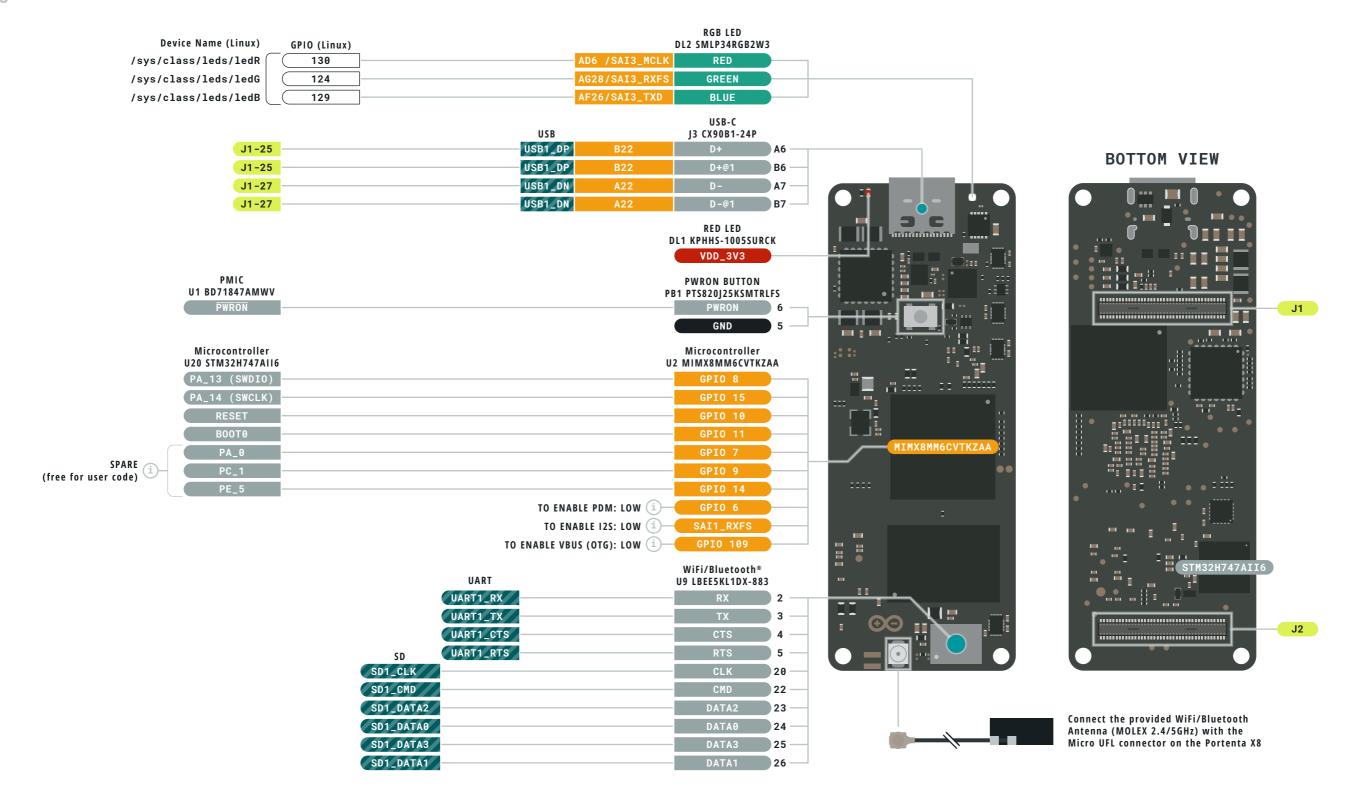


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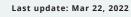
Last update: Mar 22, 2022













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MAXIMUM current per H7 pin is 20mA

MAXIMUM overall current per H7 is 140mA

MAXIMUM current per IMX8 pin is 12mA

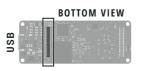
WARNING!

Advanced Section

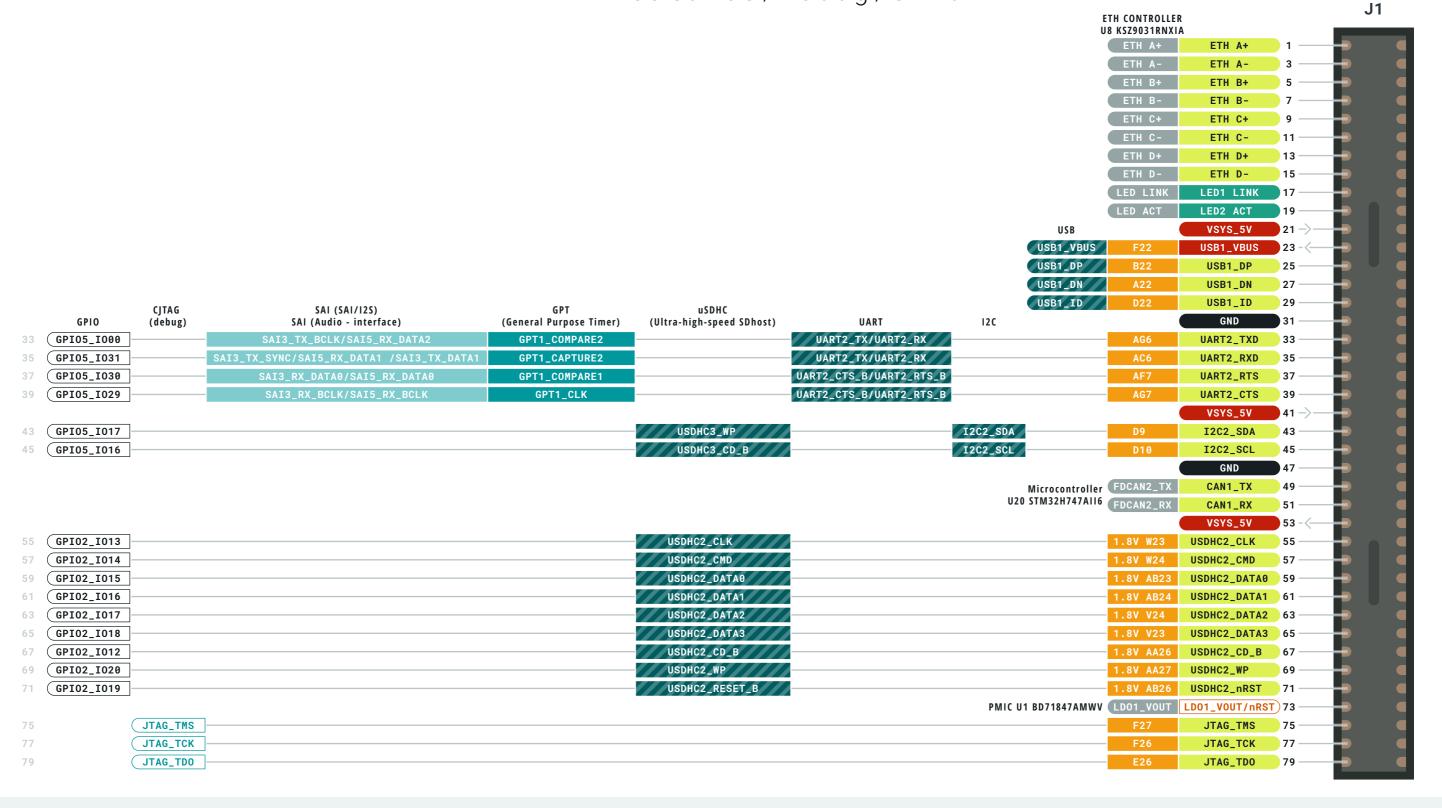
The following information is for advanced use only and may not be officially supported by Arduino software







J1_odd - Communication/Timer/Extra
Features/Debug/GPIO



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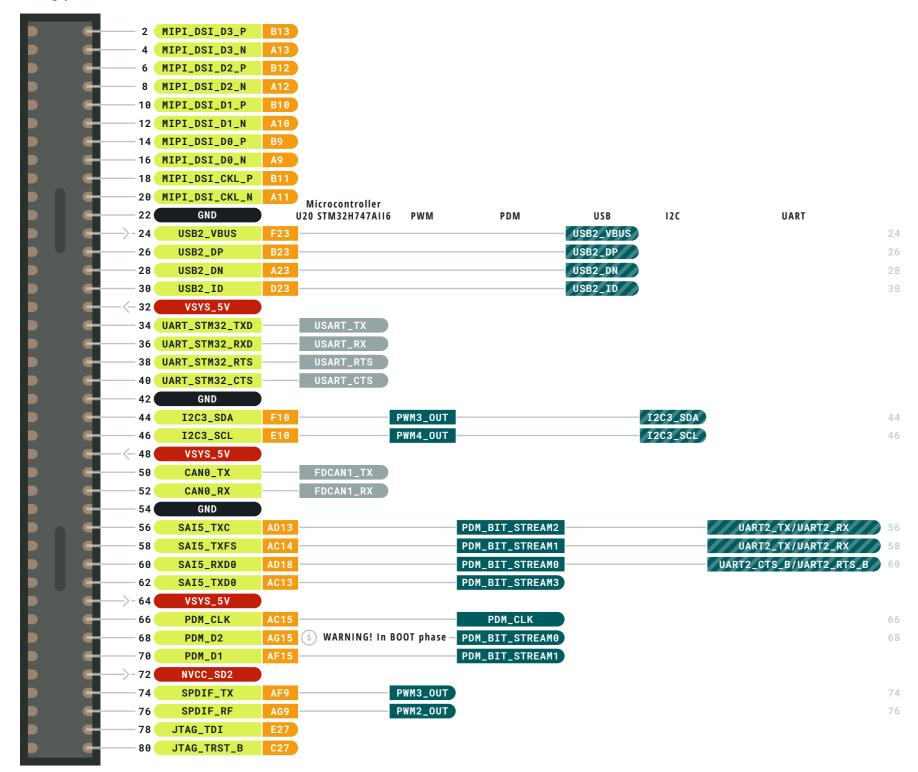


MAXIMUM overall current per H7 is 140mA

MAXIMUM current per IMX8 pin is 12mA

J1_even - Analog/Communication





MAXIMUM current Ground Digital Pin Analog per H7 pin is 20mA Analog Pin Communication MAXIMUM overall current Other Pin per H7 is 140mA MAXIMUM current Internal Pin Microcontroller's Port Extra Features per IMX8 pin is 12mA SWD Pin Default Debug

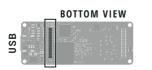
GPIO

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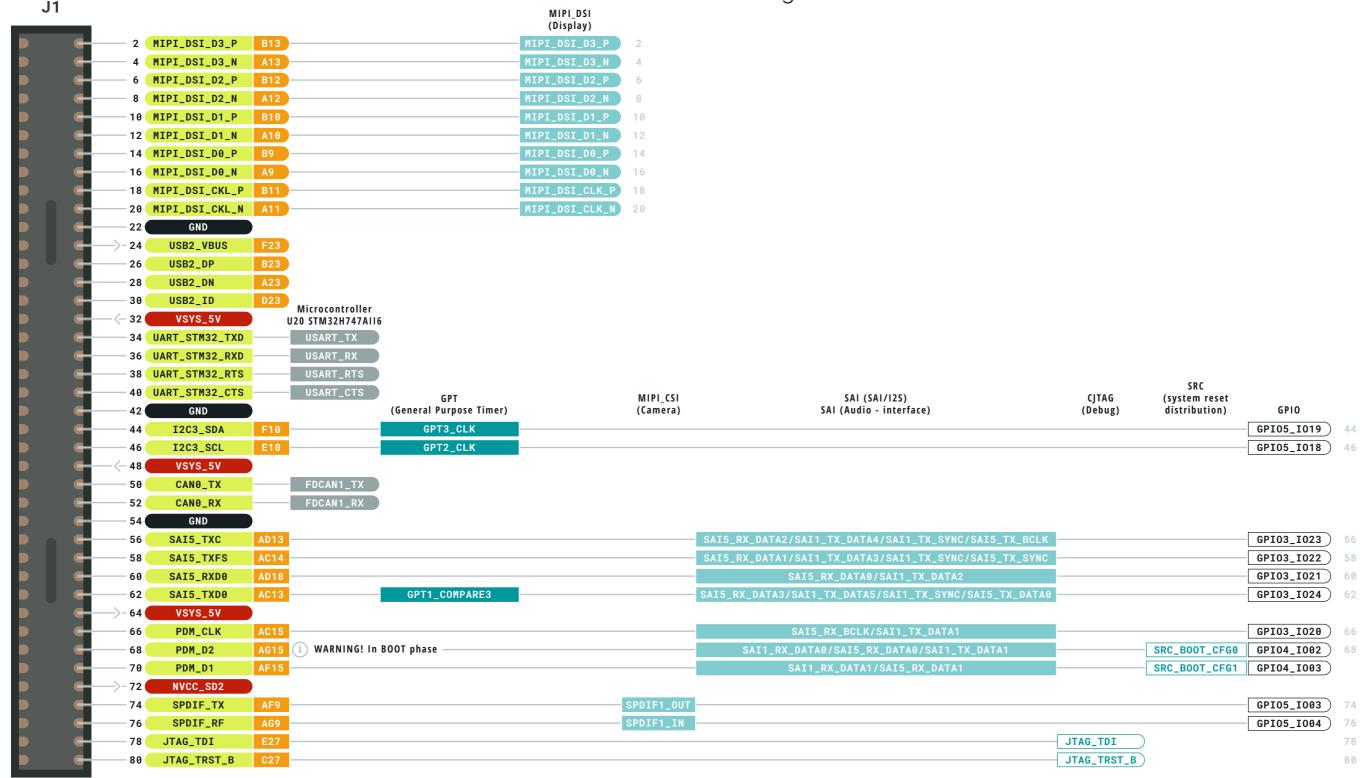
Last update: Mar 22, 2022







J1_even - Timer/Extra Features/ Debug/GPI0



Ground Digital Pin **MAXIMUM** current Analog per H7 pin is 20mA Analog Pin Communication MAXIMUM overall current Other Pin per H7 is 140mA **MAXIMUM** current Internal Pin Microcontroller's Port Extra Features per IMX8 pin is 12mA Default SWD Pin Debug

GPIO

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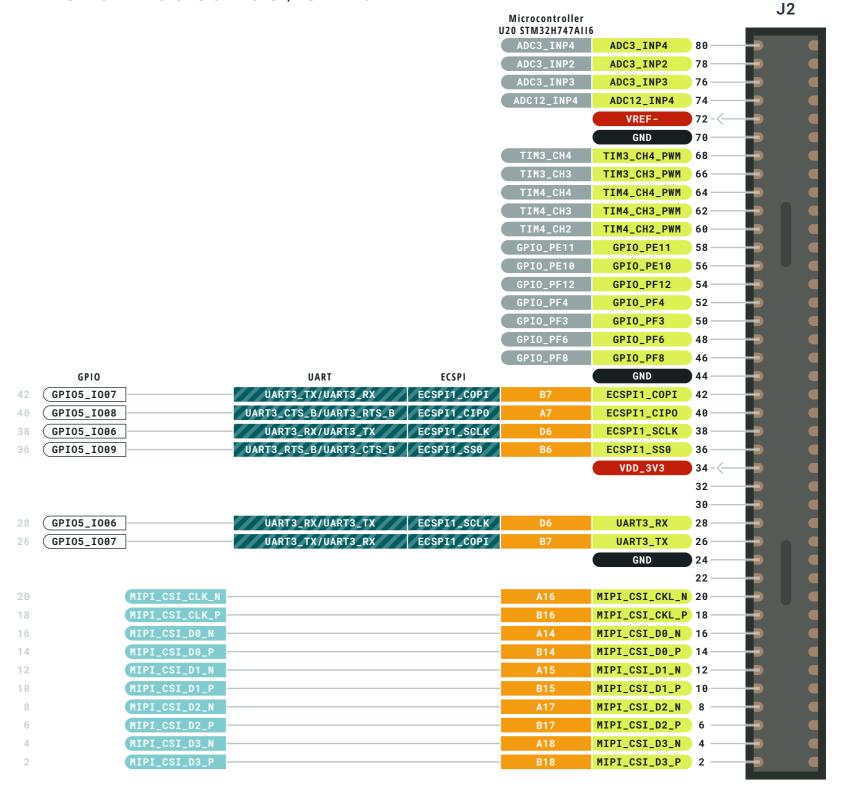
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J2_even - Communication/ Extra Features/GPI0



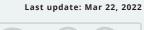




MAXIMUM overall current per H7 is 140mA

MAXIMUM current per IMX8 pin is 12mA



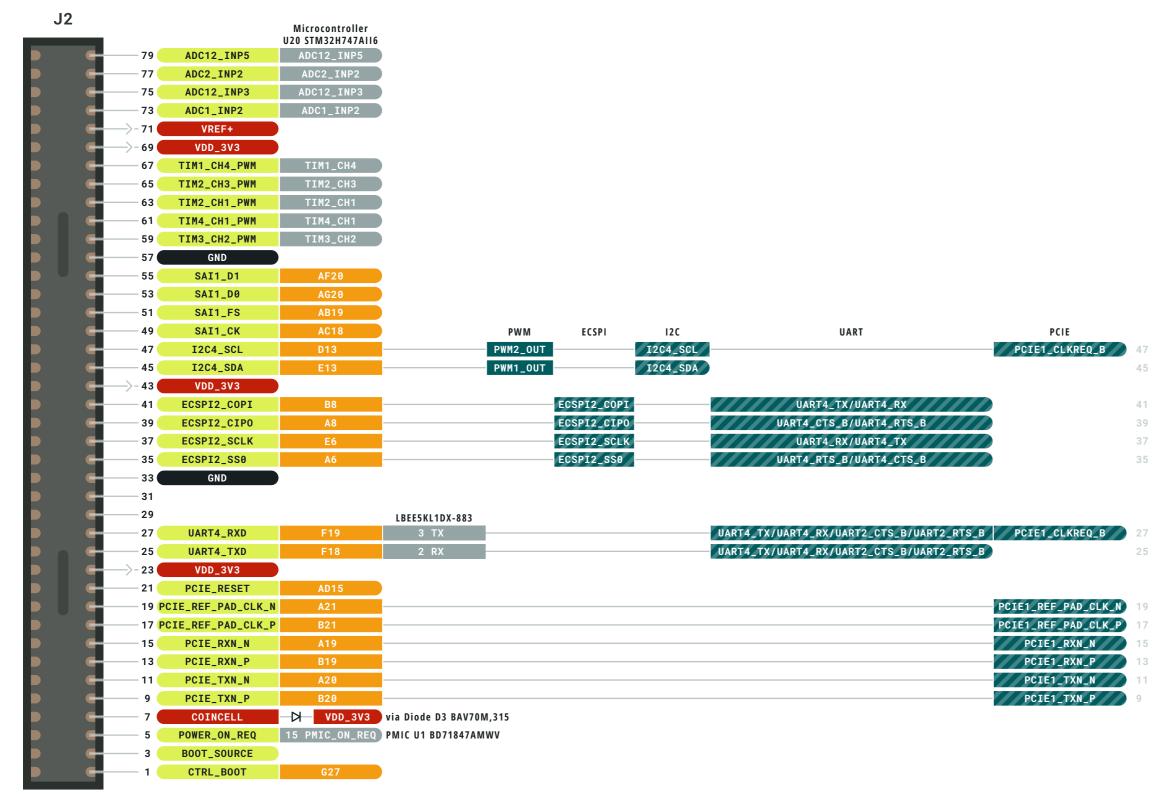




SWD Pin

Default

J2_odd - Analog/Communication





Debug
GPI0

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J2_odd - Extra Features/ Debug/GPI0



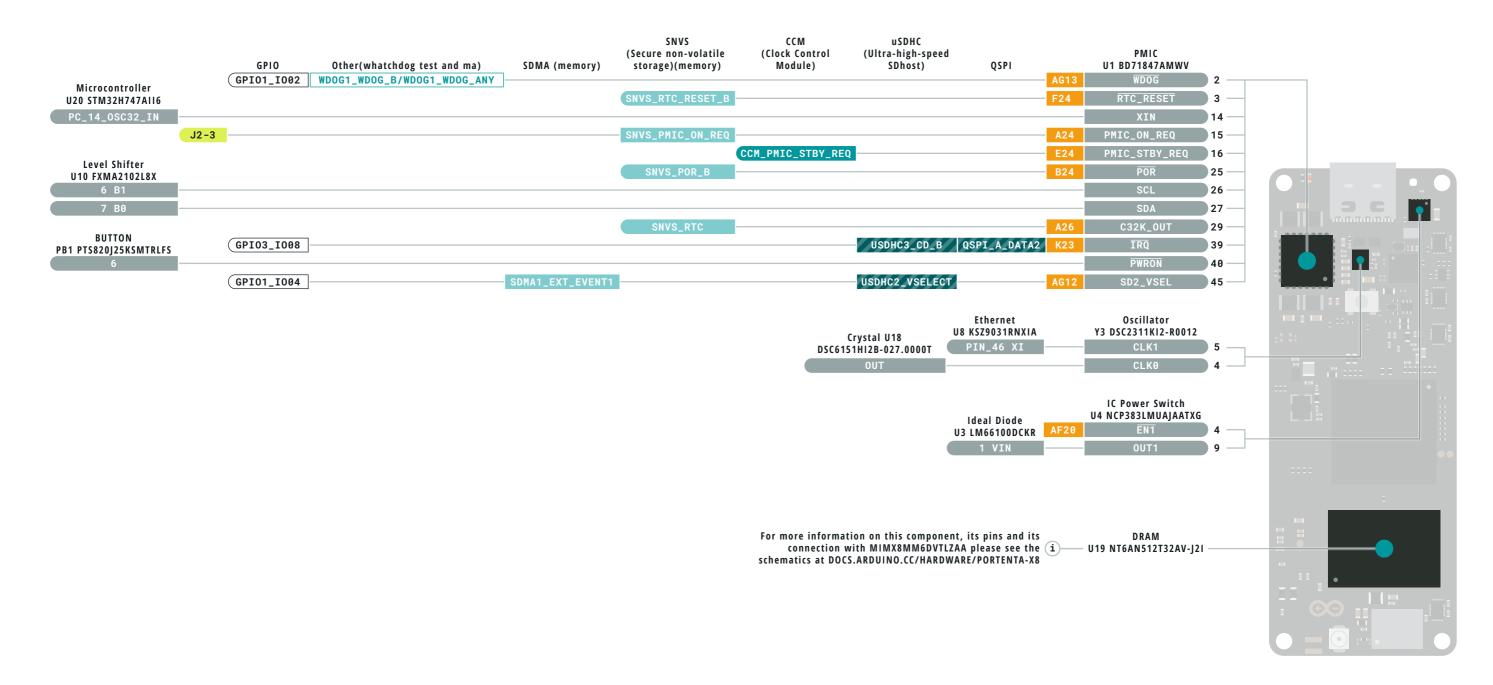
MAXIMUM current Ground Digital Pin Analog per H7 pin is 20mA Analog Pin Communication MAXIMUM overall current Other Pin per H7 is 140mA MAXIMUM current Internal Pin Microcontroller's Port Extra Features per IMX8 pin is 12mA SWD Pin Default Debug GPIO

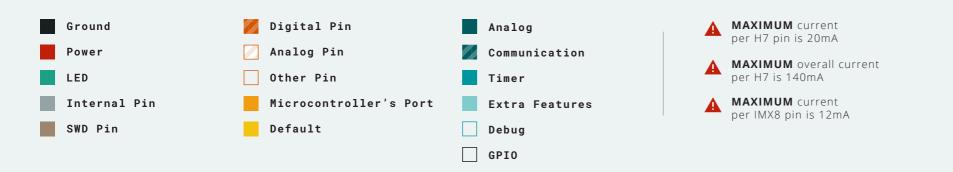
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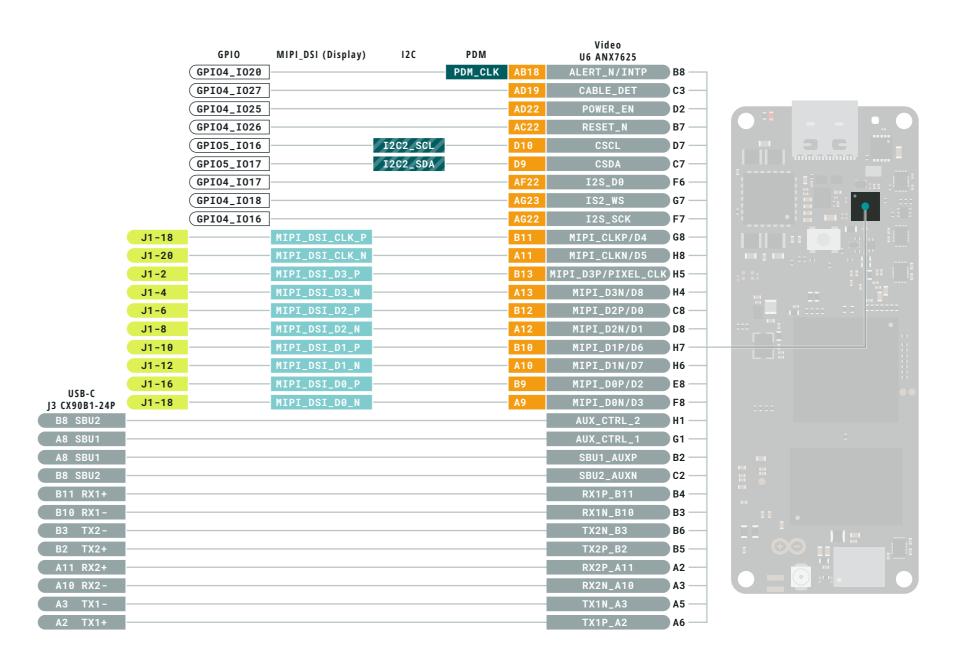




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MAXIMUM current per H7 pin is 20mA

MAXIMUM overall current per H7 is 140mA

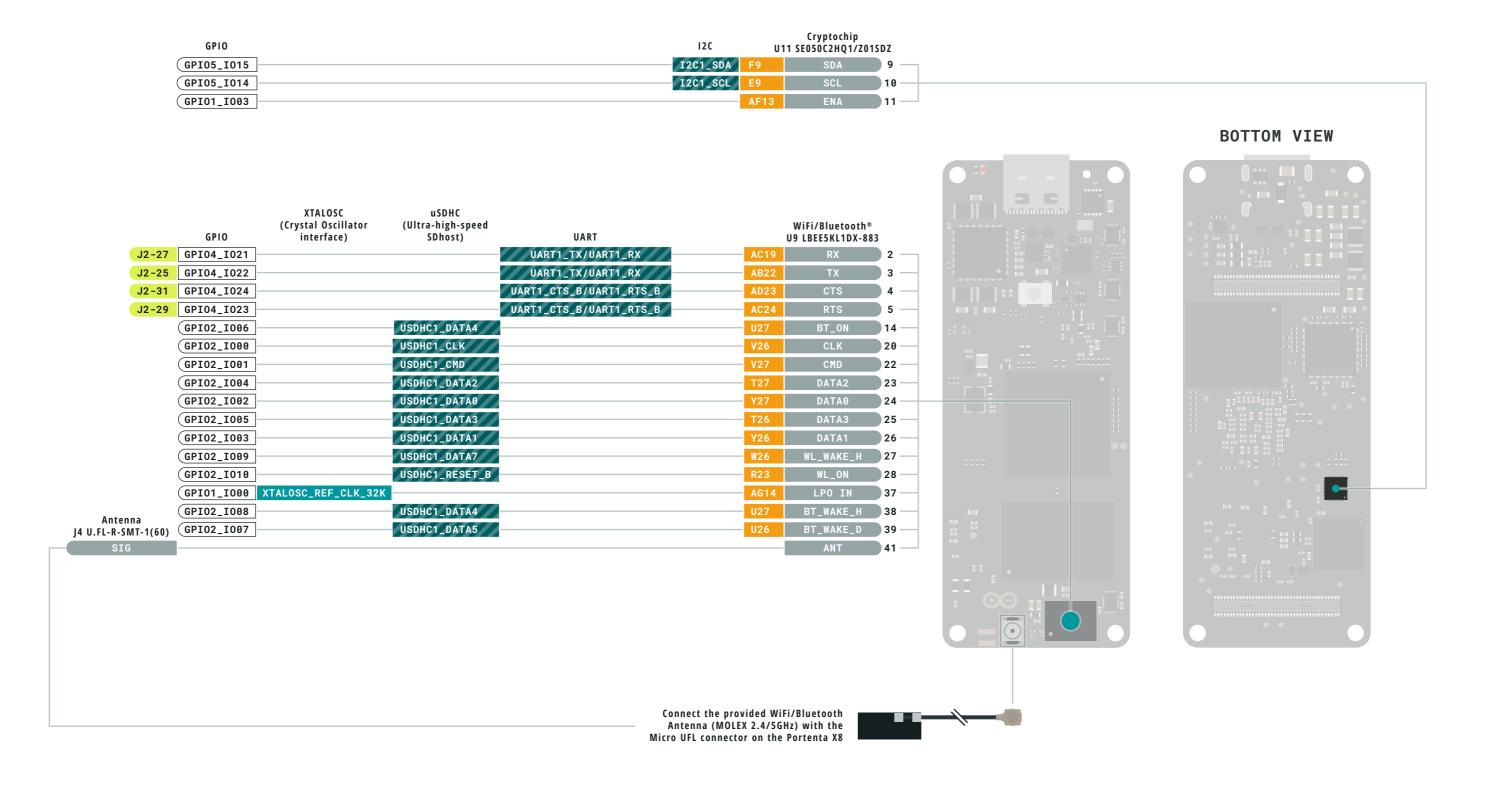
MAXIMUM current per IMX8 pin is 12mA

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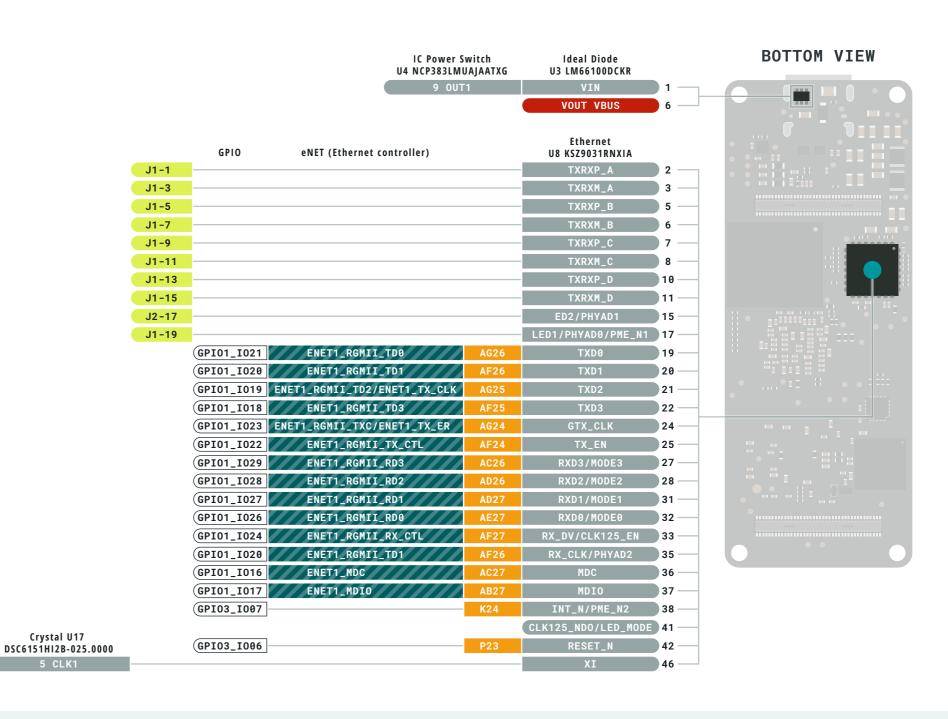


MAXIMUM current per H7 pin is 20mA

MAXIMUM overall current per H7 is 140mA

MAXIMUM current per IMX8 pin is 12mA





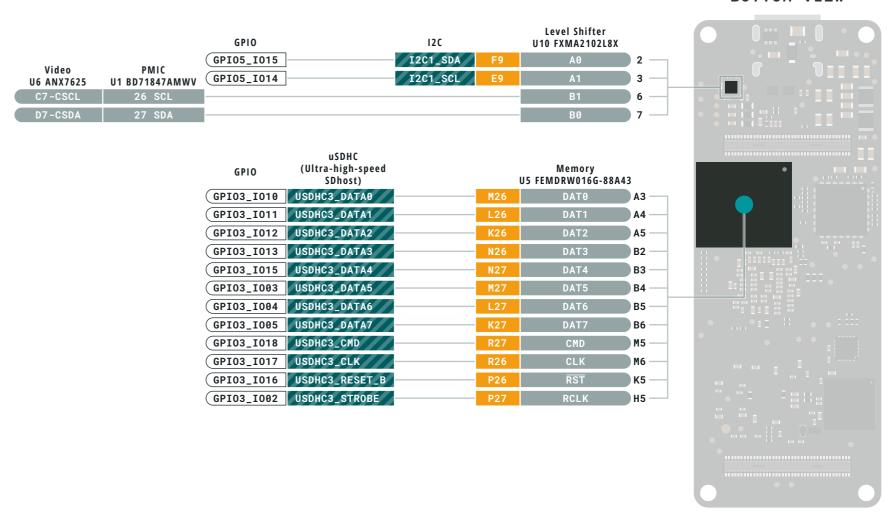


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BOTTOM VIEW





MAXIMUM current per H7 pin is 20mA

MAXIMUM overall current per H7 is 140mA

MAXIMUM current per IMX8 pin is 12mA

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