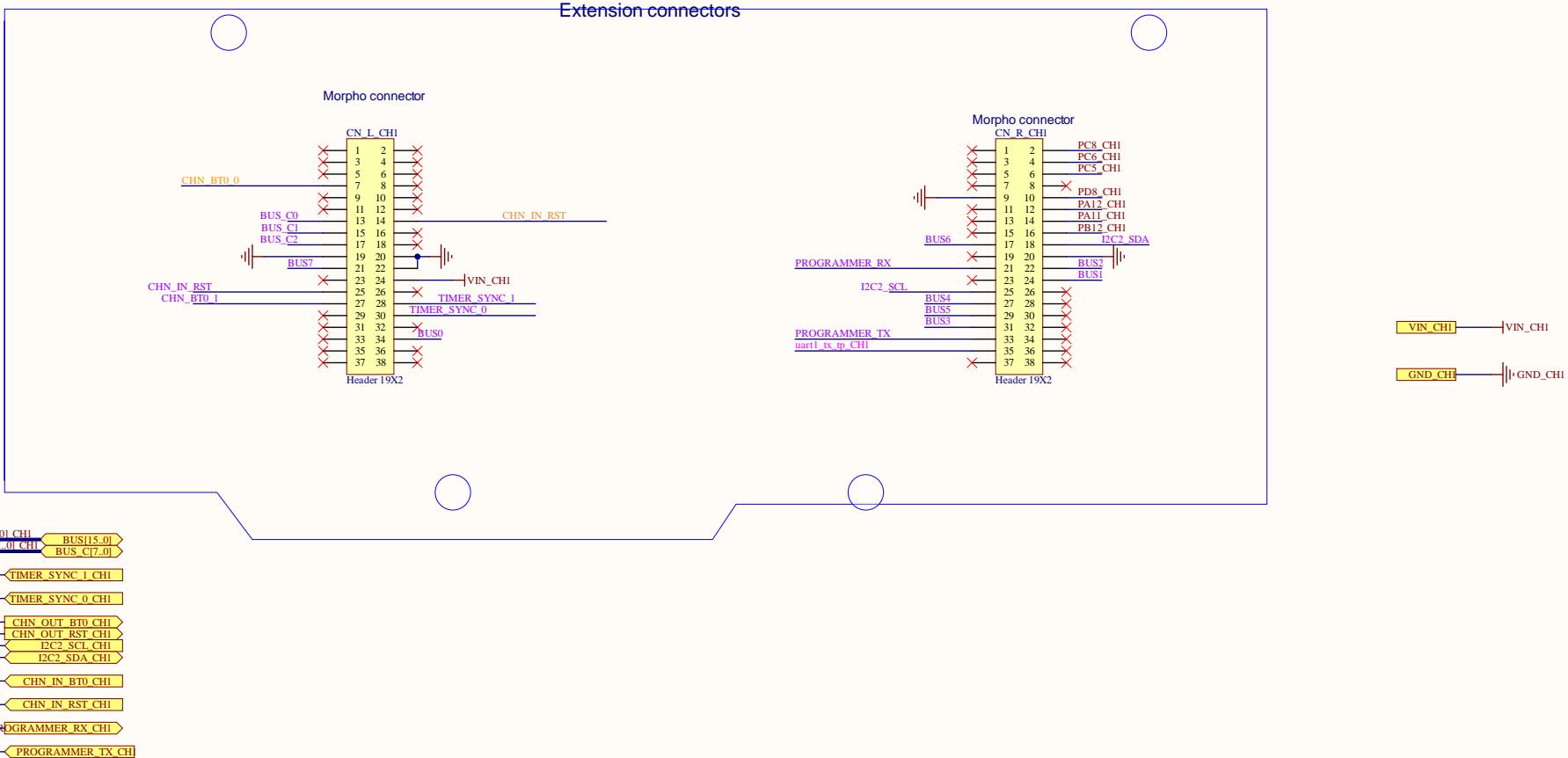
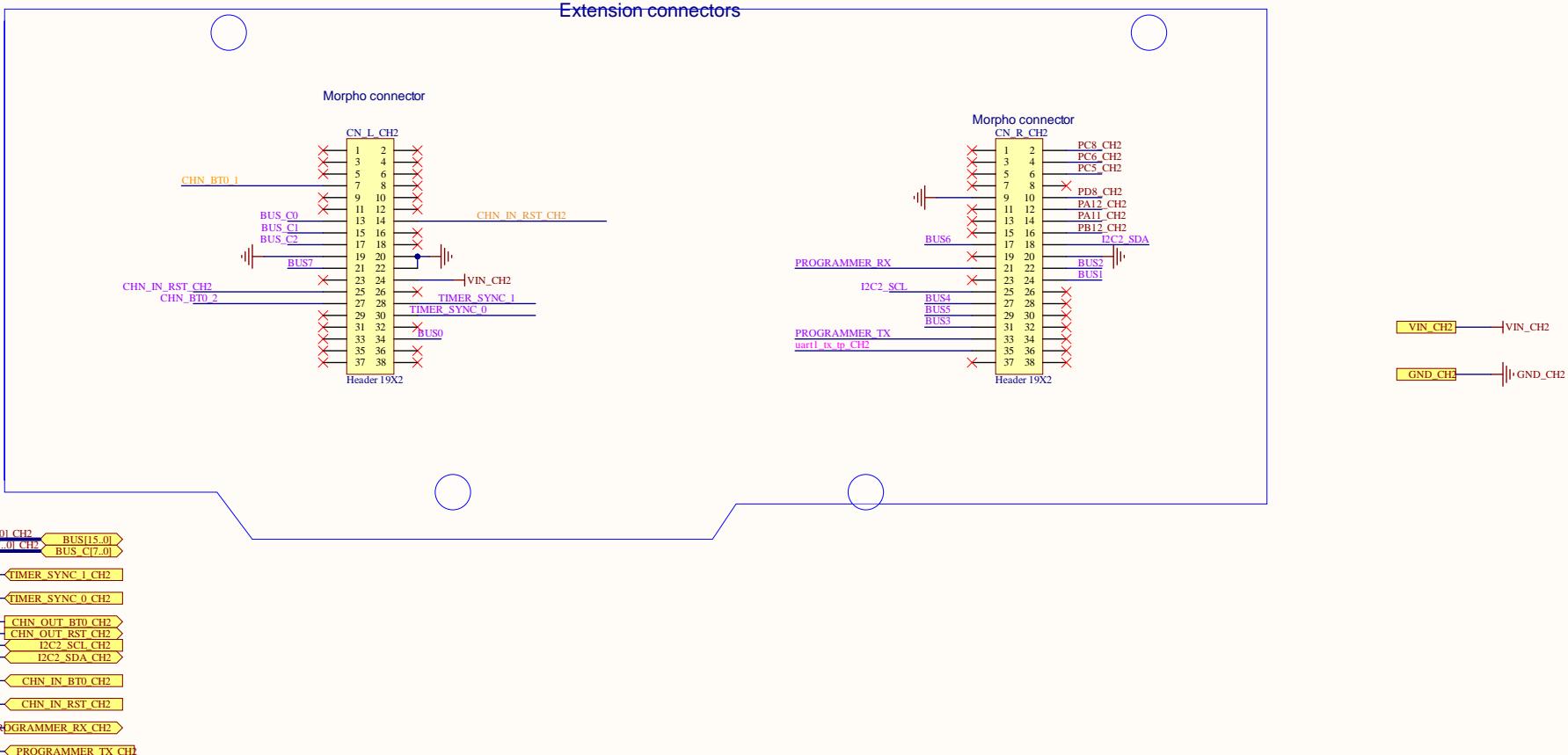


Extension connectors



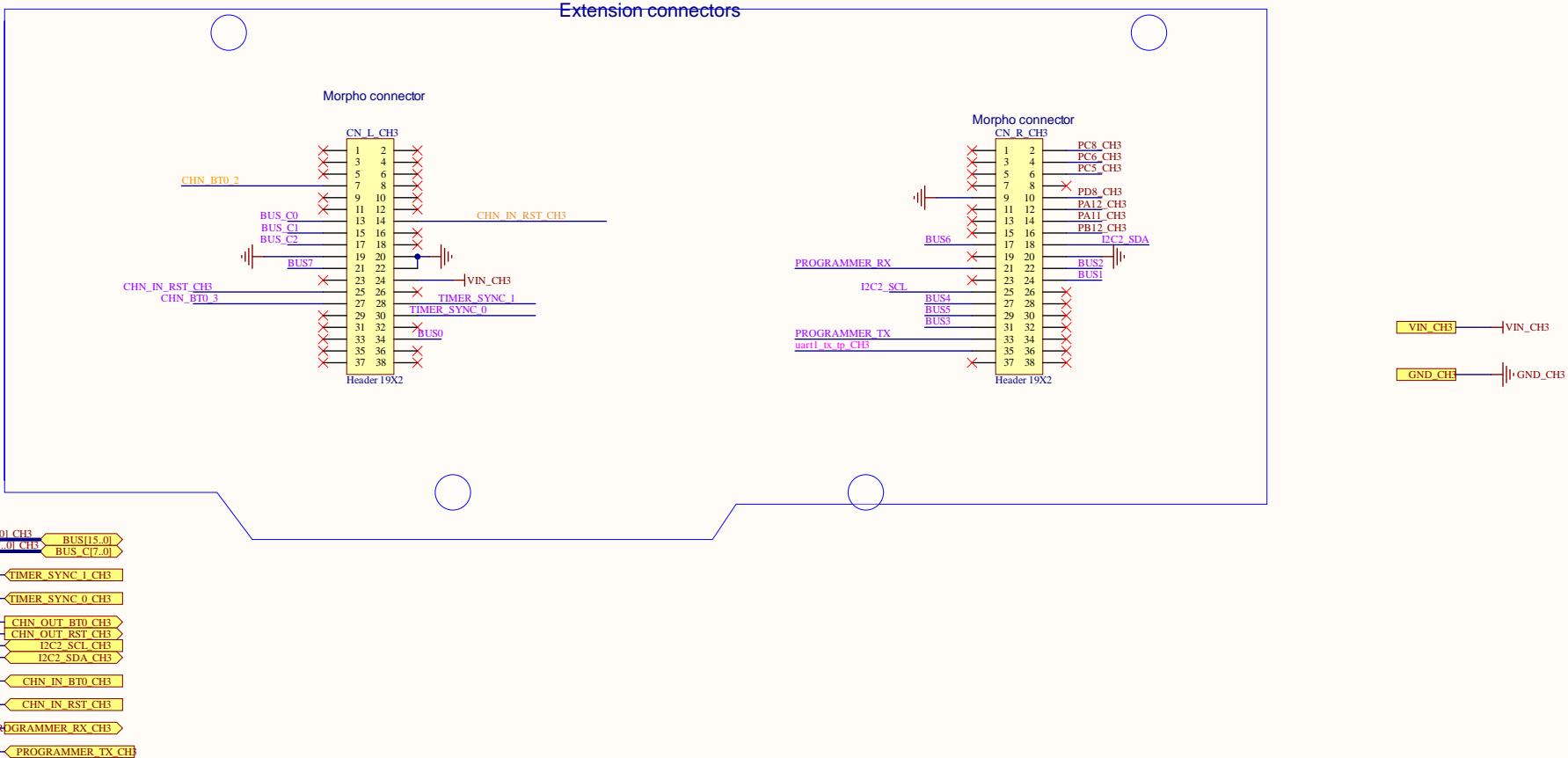
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|---|------------------|---------------|
| Title: * * * | | |
| Size: A3 | Number: * 1 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:56 PM | Sheet 1 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



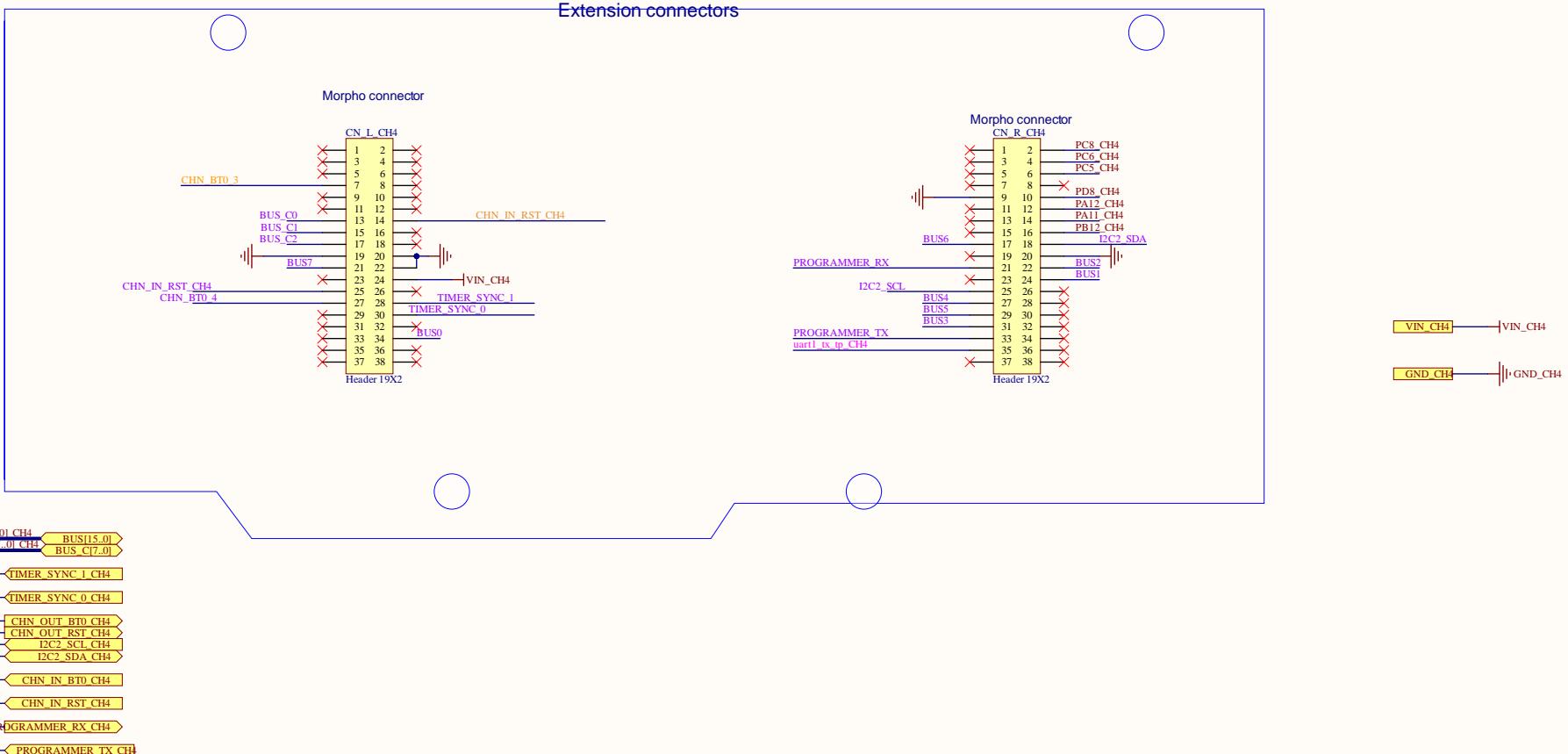
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|---|------------------|---------------|
| Title: * * * | | |
| Size: A3 | Number: * 2 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:56 PM | Sheet 2 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



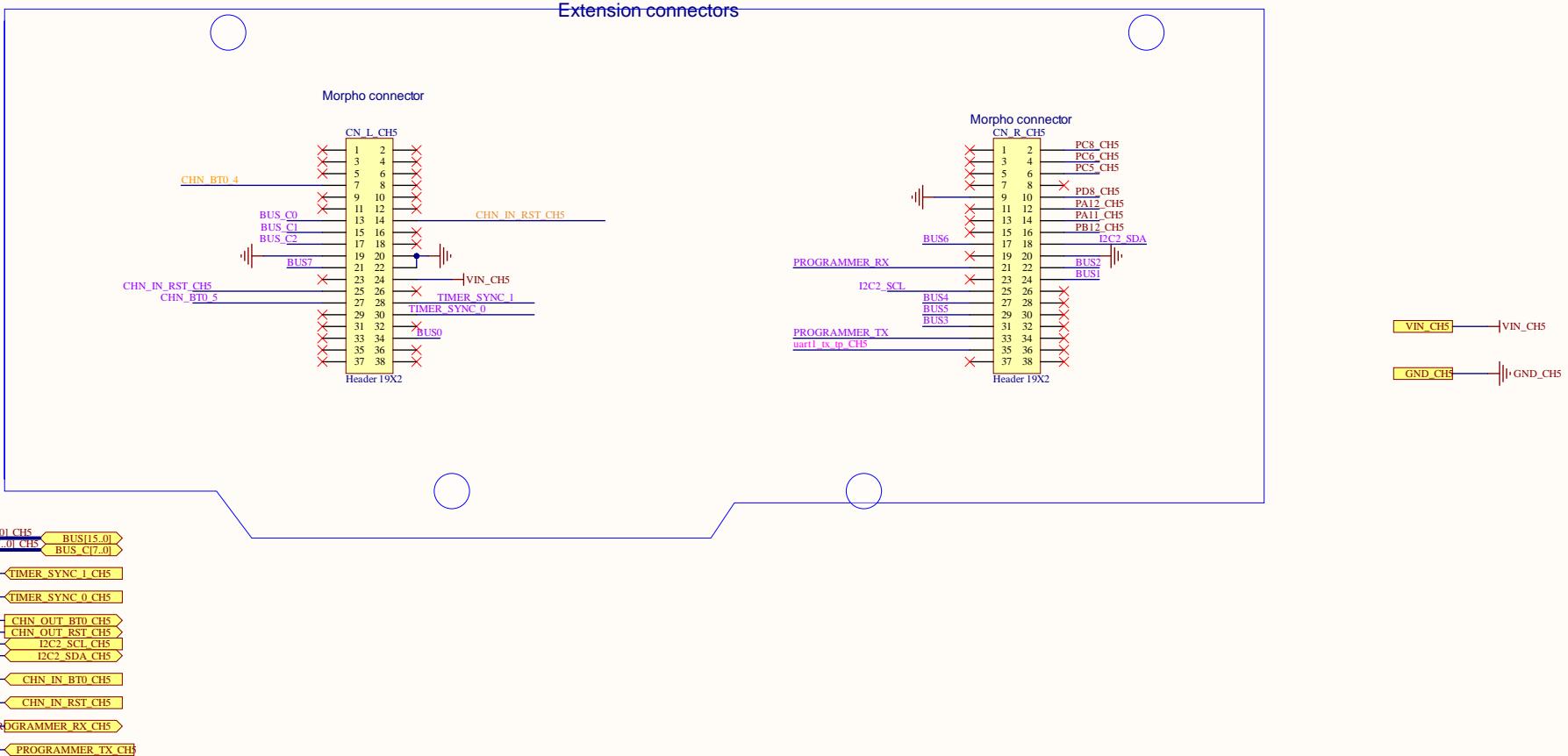
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| Size: A3 | Number: *3 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:56 PM | Sheet 3 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



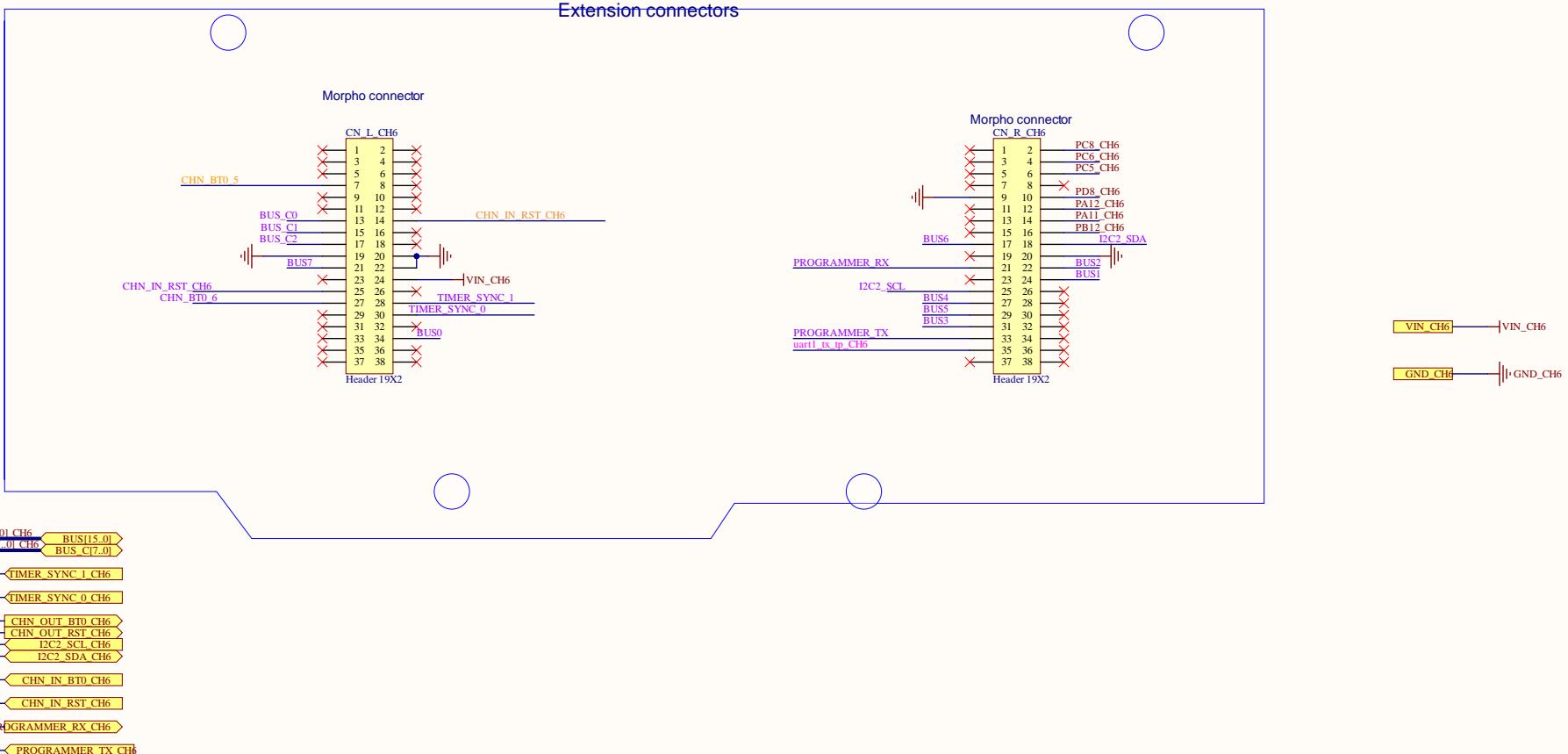
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| Revision: * | * |
| Date: 3/4/2021 | Time: 1:03:56 PM |
| File: C:/Users/farsh/Documents/hardware/manantarray_beta2_sensor_with_evalChannel.SchDoc | Sheet 4 of 24 |

Extension connectors



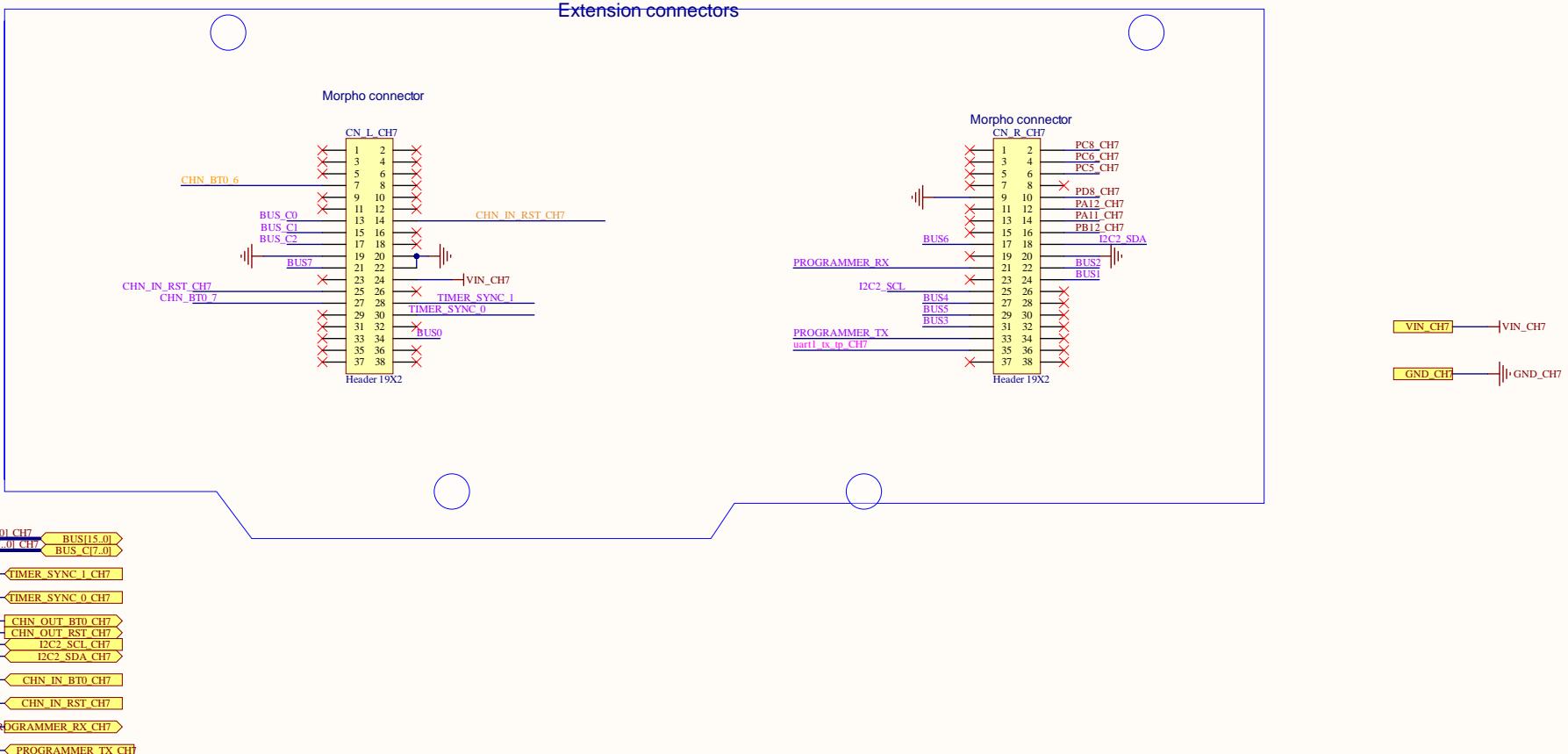
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|---|------------------|
| Title: * | * |
| Size: A3 | Number: *5 |
| Revision: * | * |
| Date: 3/4/2021 | Time: 1:03:56 PM |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | Sheet 5 of 24 |

Extension connectors



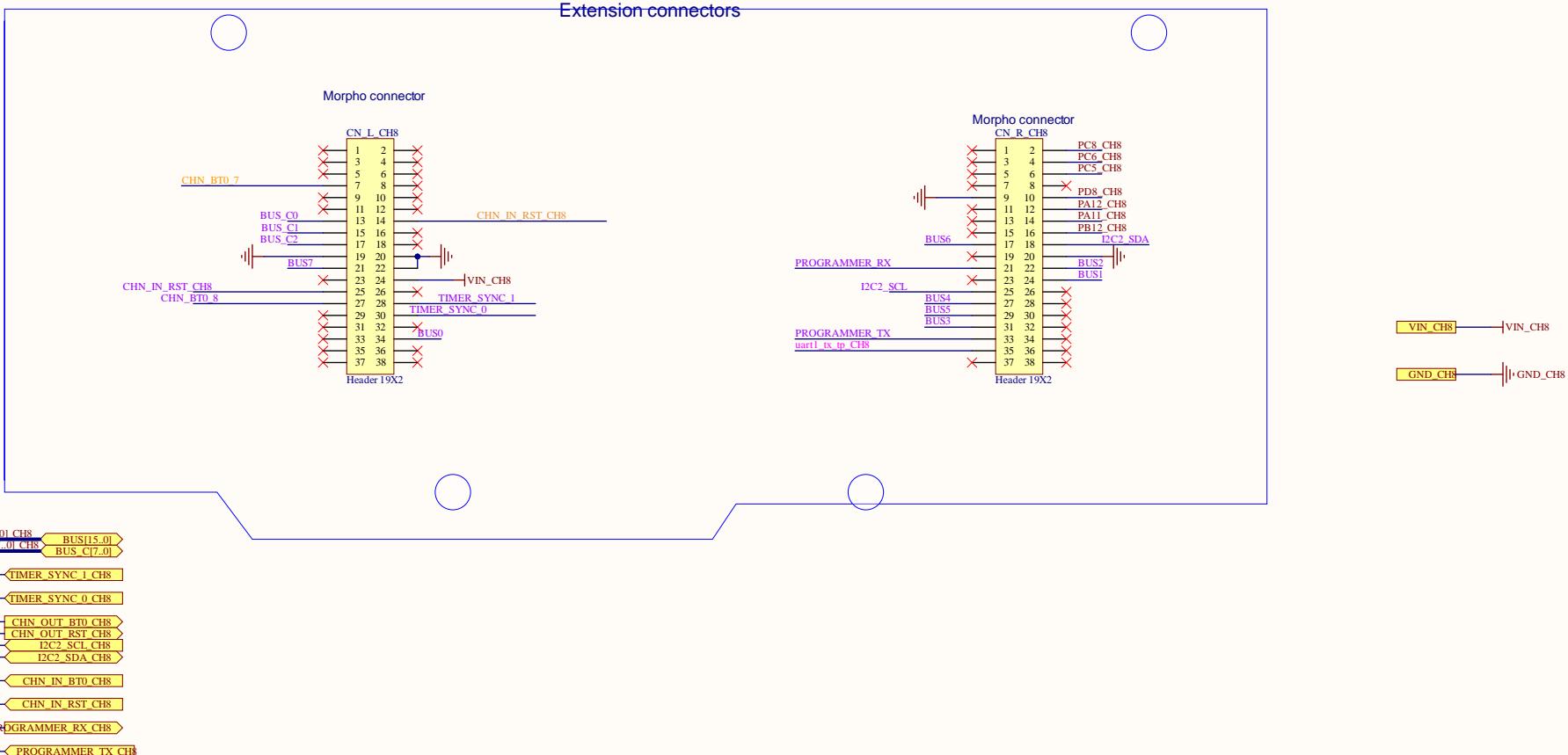
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| Size: A3 | Number: *.6 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:56 PM | Sheet 6 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



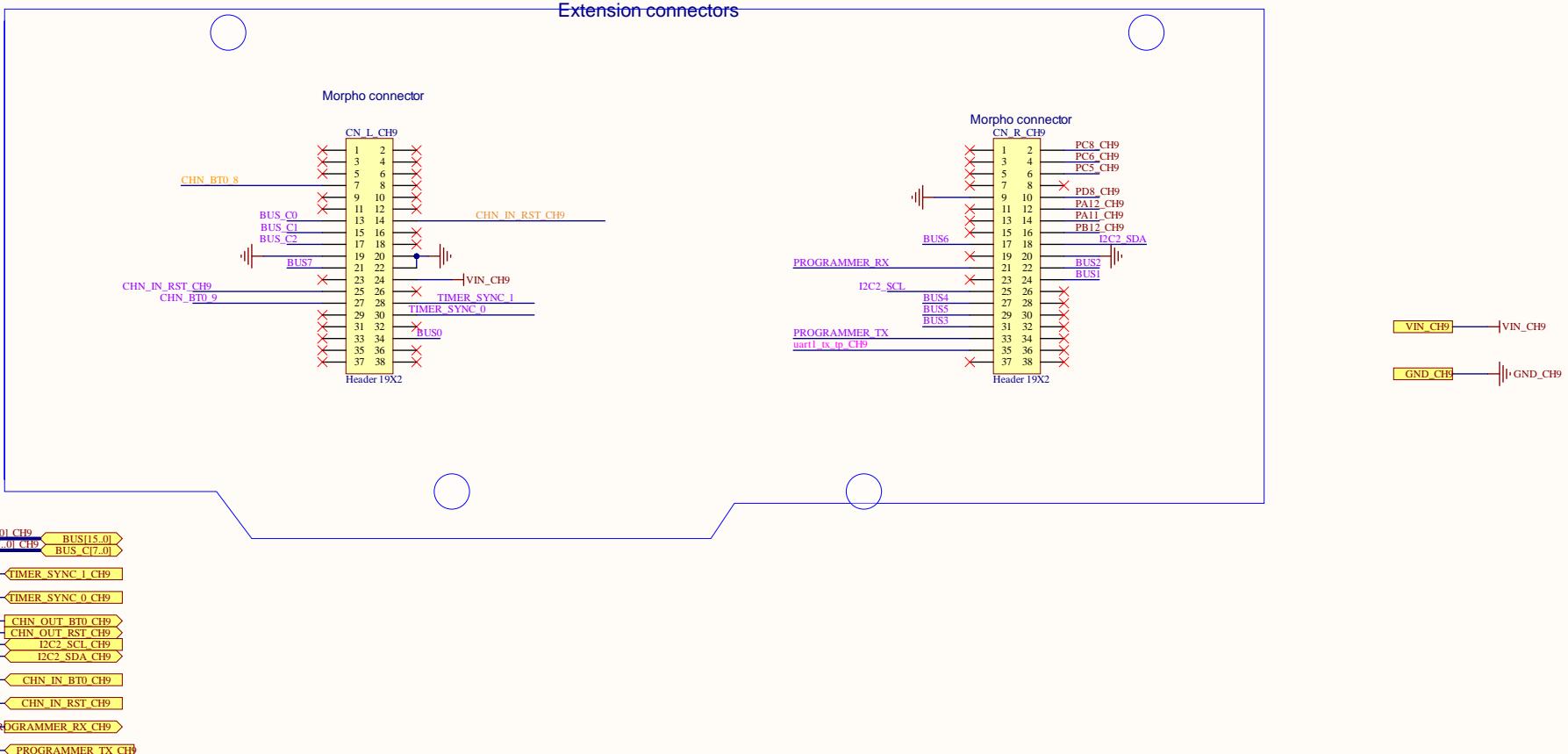
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|---|------------------|---------------|
| Title: * Size: A3 Number: *7 Revision: * | | |
| Date: 3/4/2021 | Time: 1:03:56 PM | Sheet 7 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



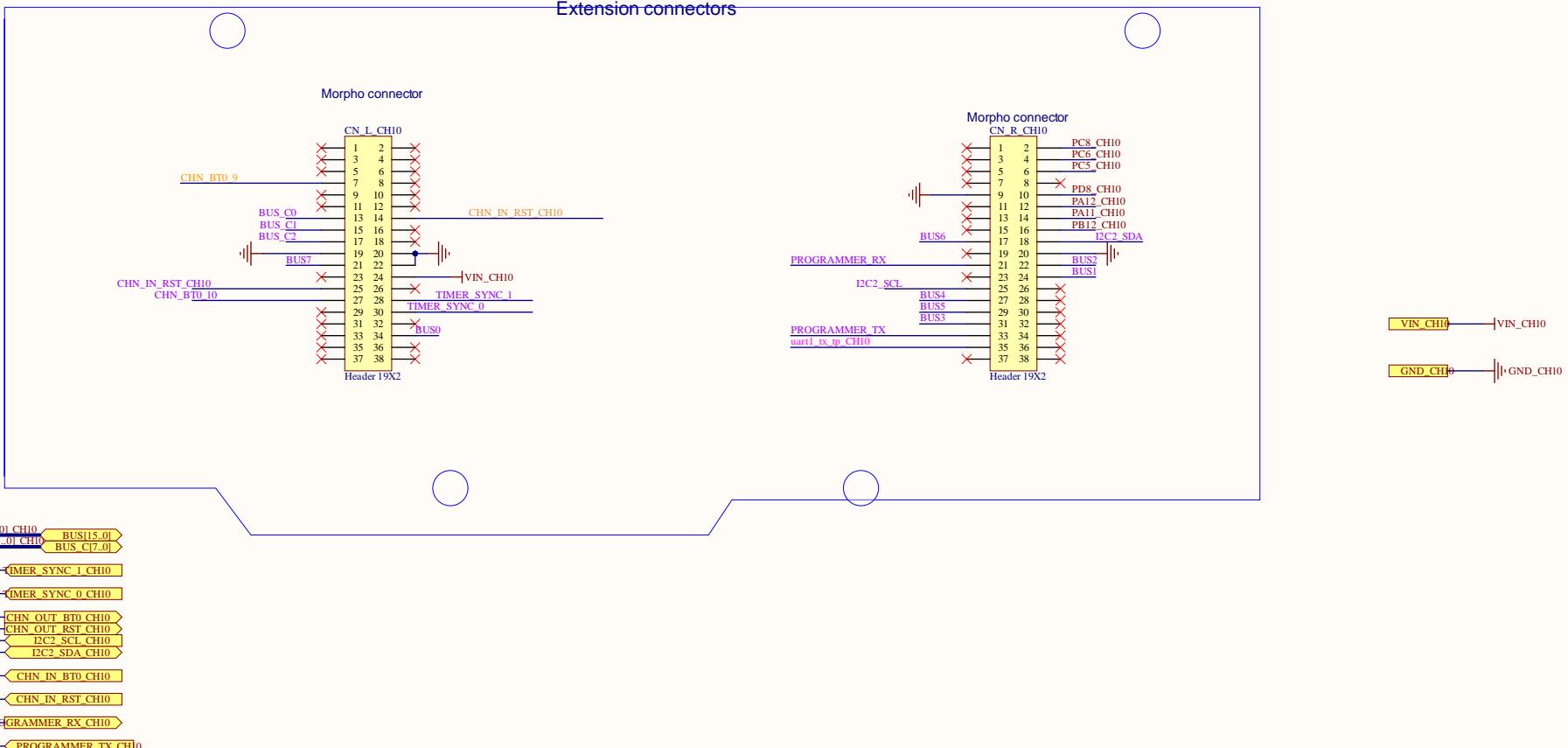
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|---|------------------|-------------------|
| Title: * * * | | |
| Size: A3 | Number: * .8 | Revision: * * * * |
| Date: 3/4/2021 | Time: 1:03:56 PM | Sheet 8 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



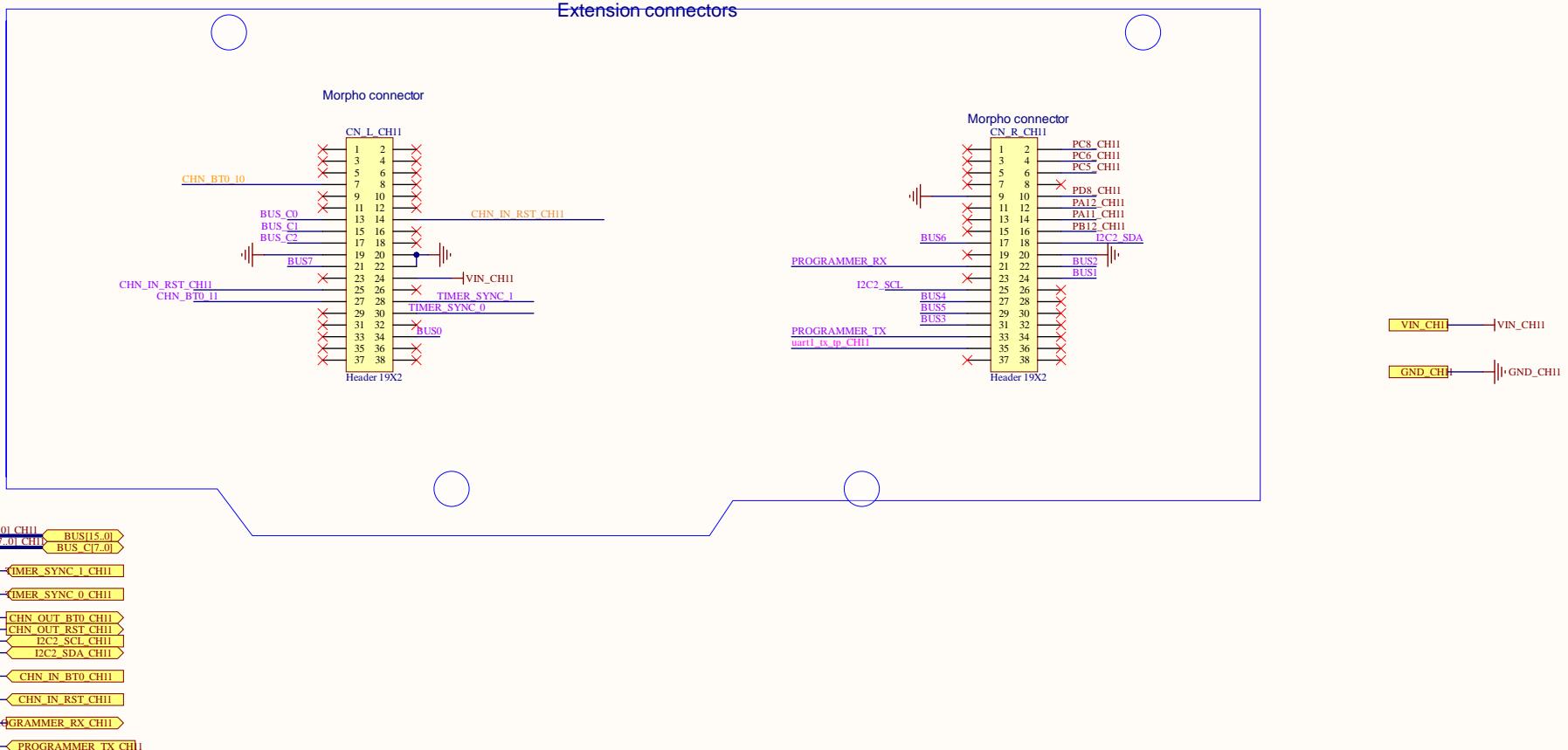
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|---|------------------|
| Title: * | * |
| Size: A3 | Number: * 9 |
| Revision: * | * |
| Date: 3/4/2021 | Time: 1:03:56 PM |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | Sheet 9 of 24 |

Extension connectors



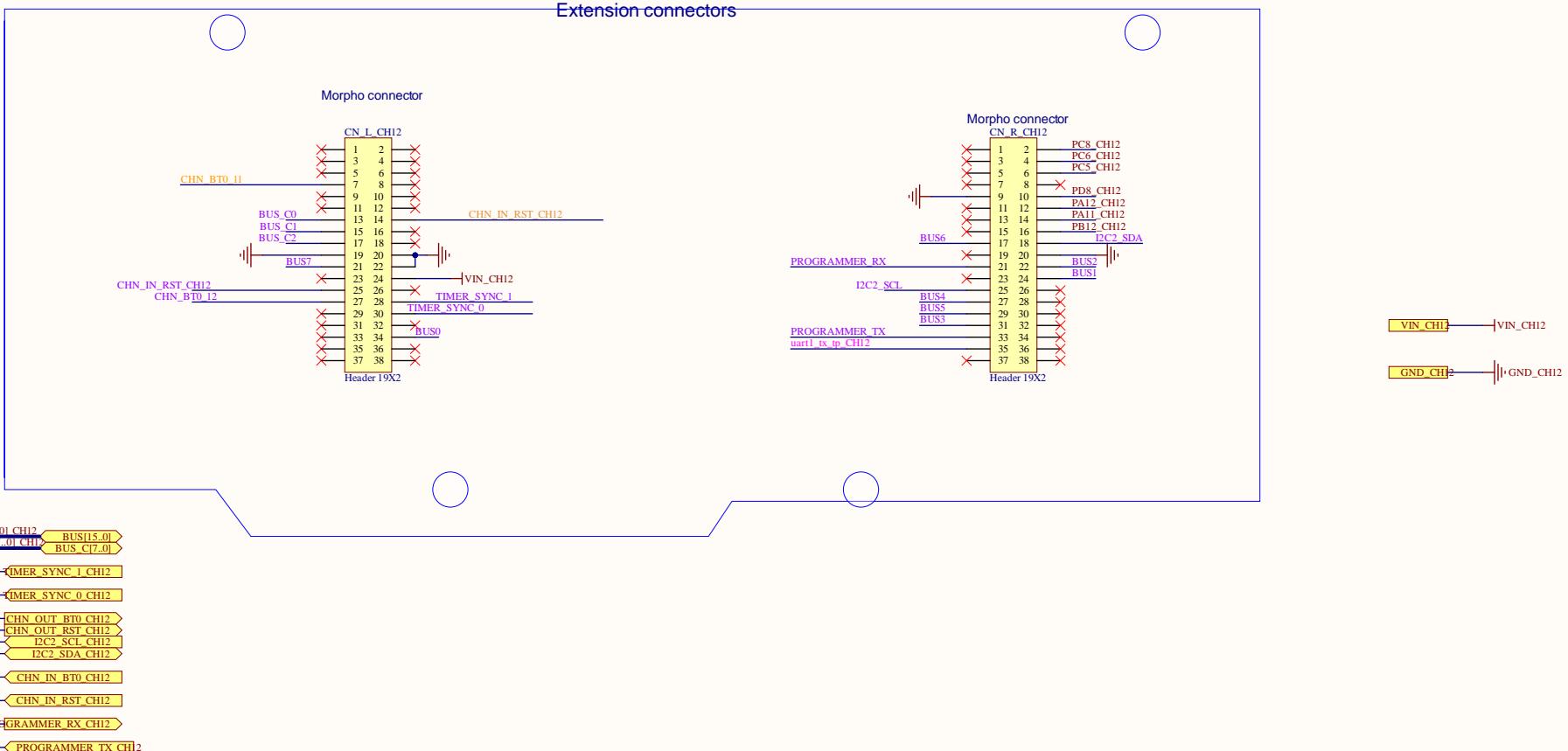
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| Title: * * * * * | | |
| Size: A3 | Number: * 10 | Revision: * * * * * |
| Date: 3/4/2021 | Time: 1:03:56 PM | Sheet 10 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



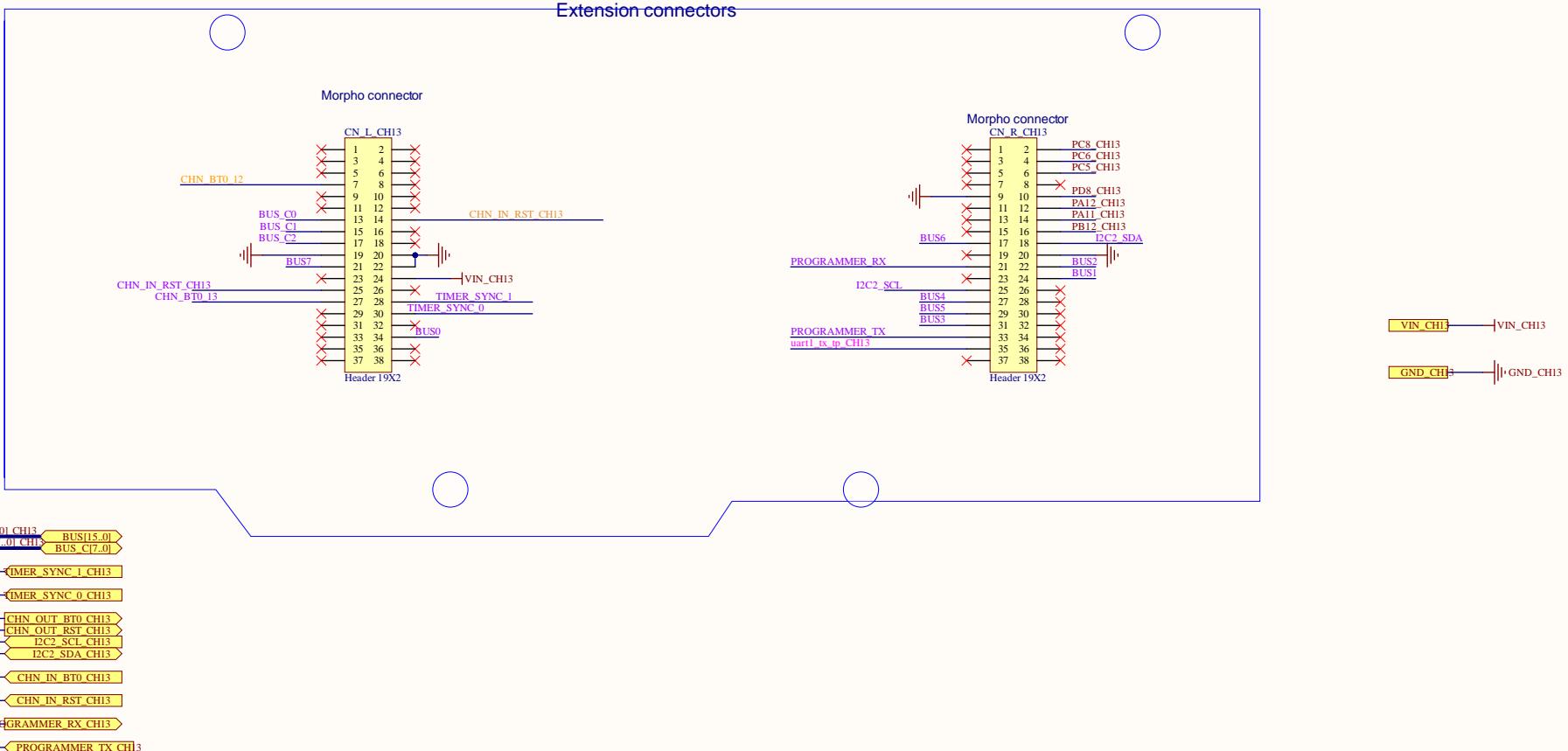
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|---|------------------|----------------|
| Title: * | | |
| Size: A3 | Number: * 11 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet 11 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



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|---|------------------|----------------|
| Title: * | | |
| Size: A3 | Number: *12 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet 12 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |
| Altium | | |

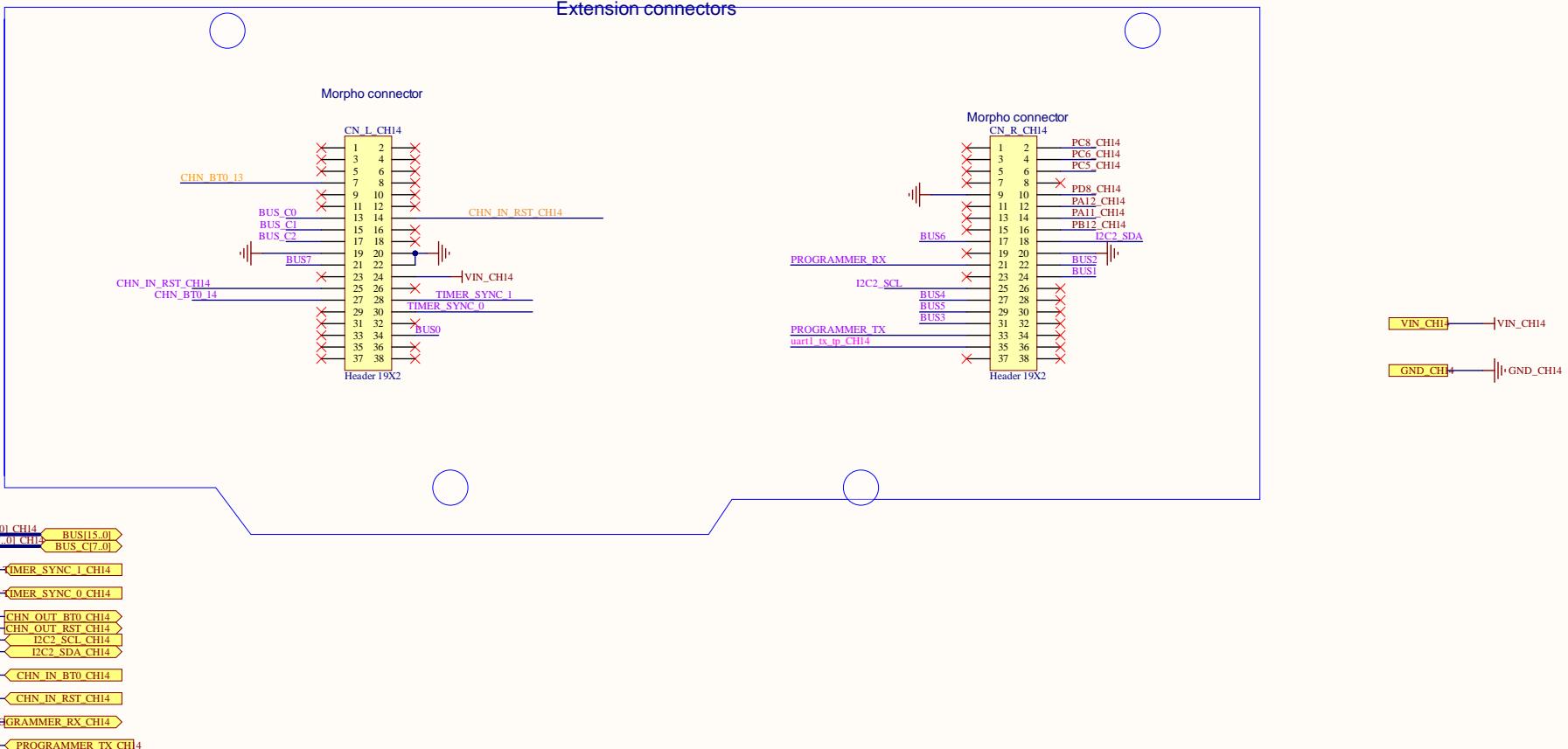
Extension connectors



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|----------------|------------------|
| Title: * | * |
| Size: A3 | Number: *13 |
| Revision: * | * |
| Date: 3/4/2021 | Time: 1:03:57 PM |

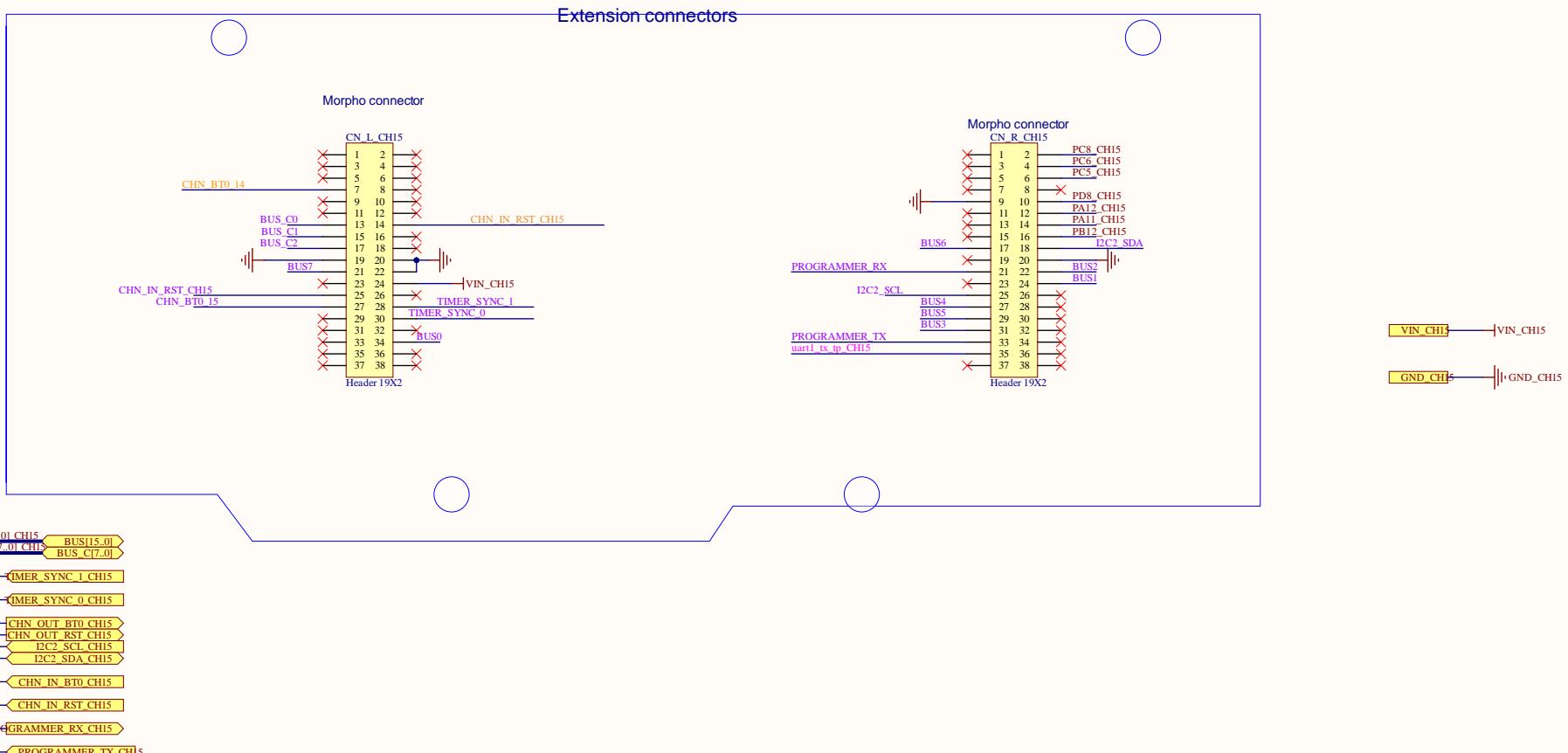
Altium

Extension connectors



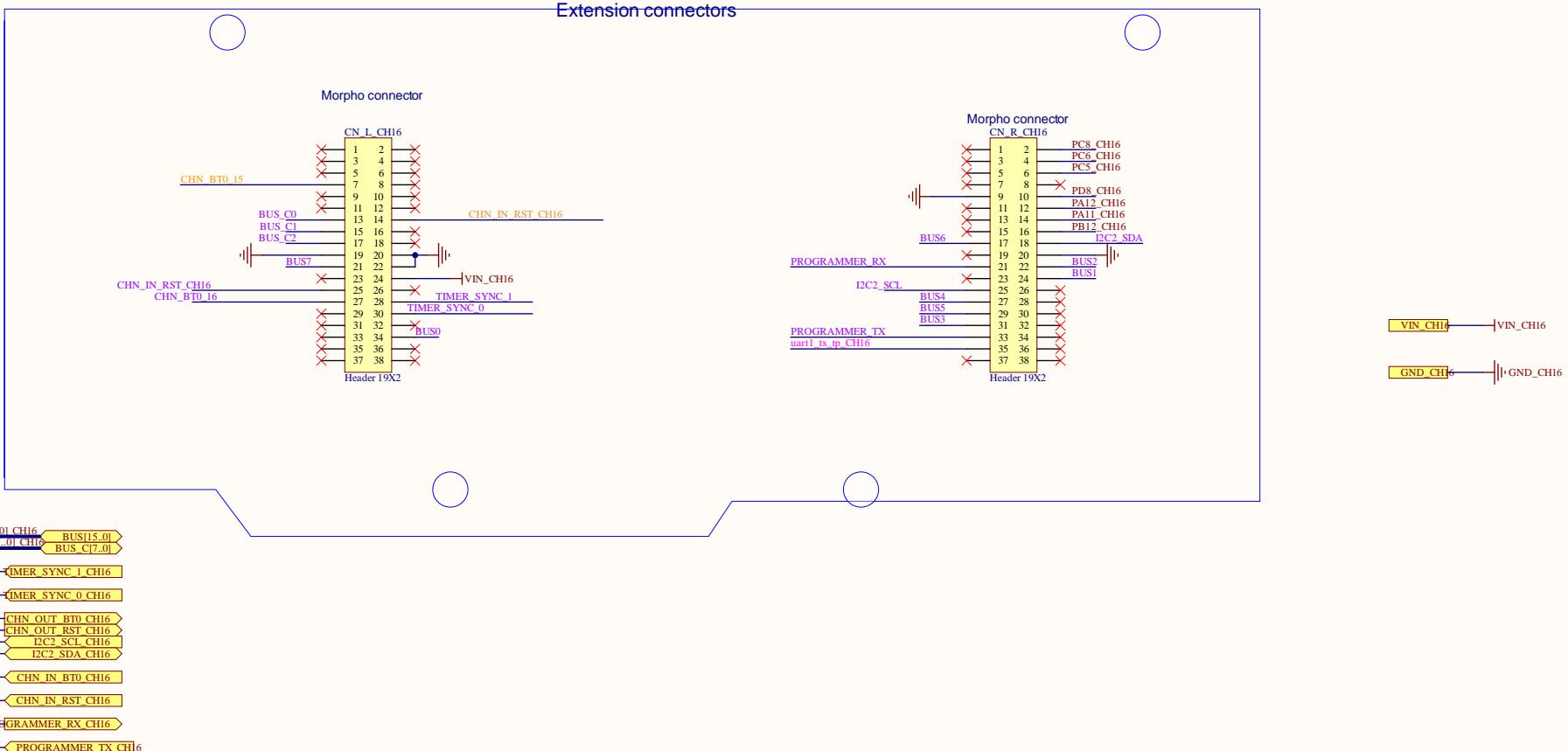
| | | |
|---|------------------|----------------|
| Title: * | | |
| Size: A3 | Number: * 14 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet 14 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |



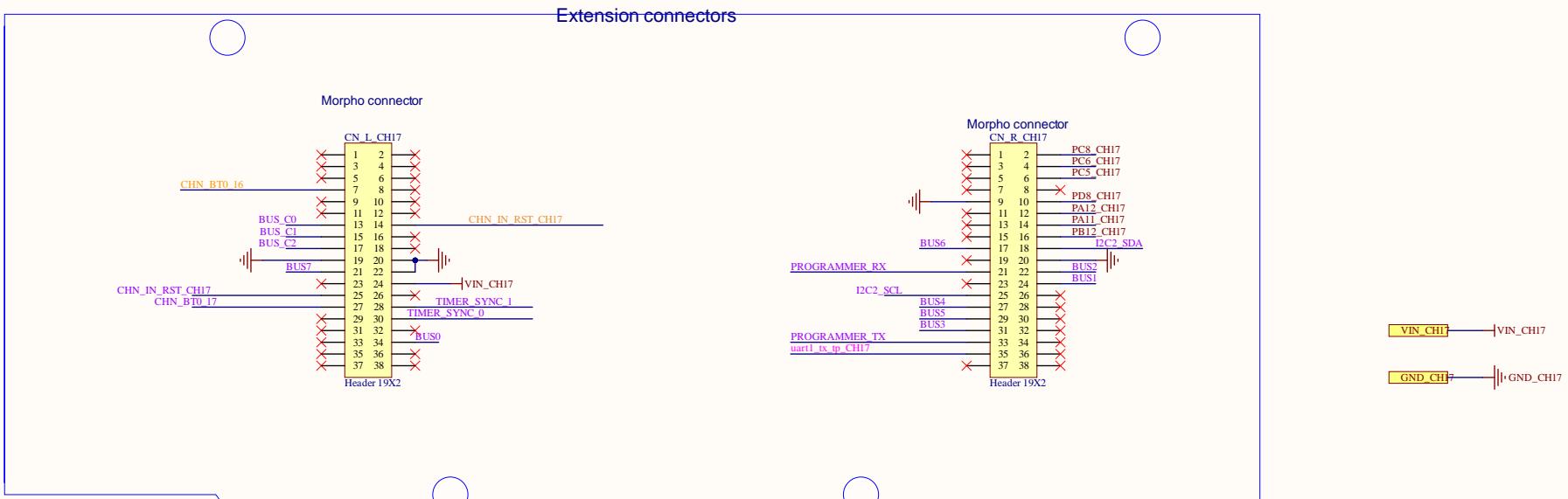


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|---|------------------|----------------|
| Title: * * * * * | | |
| Size: A3 | Number: *15 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet 15 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



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|---|------------------|----------------|
| Title: * | | |
| Size: A3 | Number: * 16 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet 16 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |



A

A

B

B

C

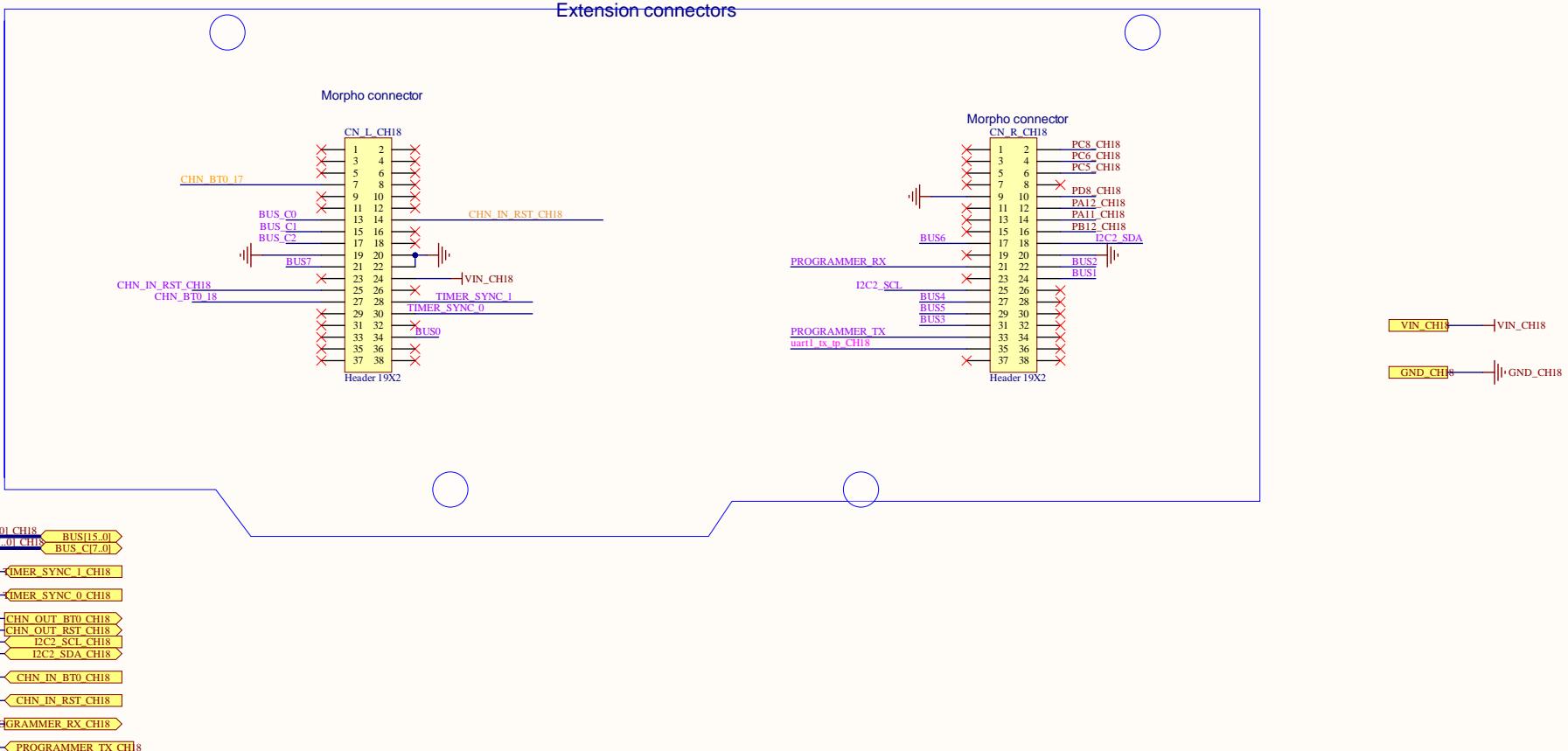
C

D

D

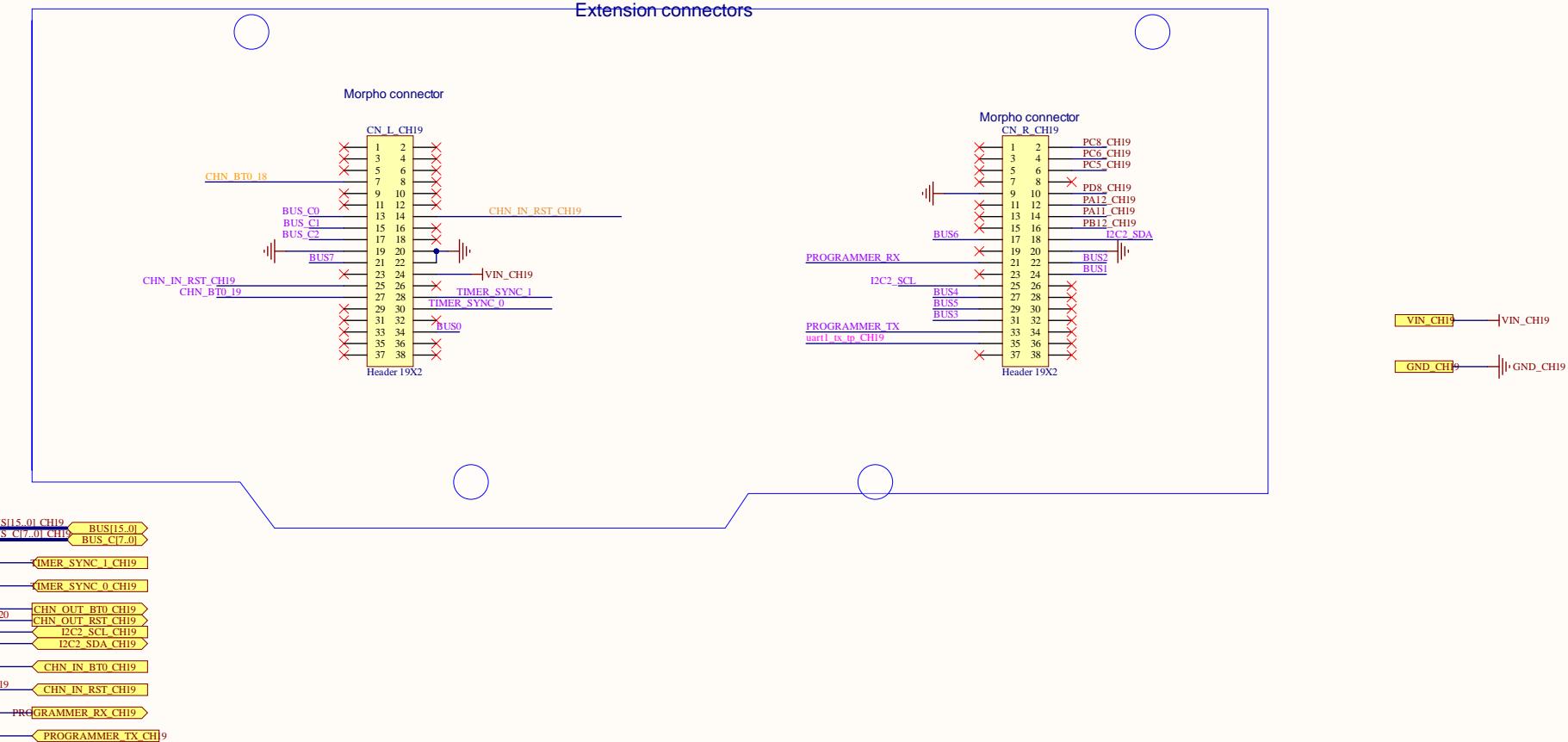
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|---|------------------|----------------|
| Title: * * * * * | | |
| Size: A3 | Number: * 17 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet 17 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



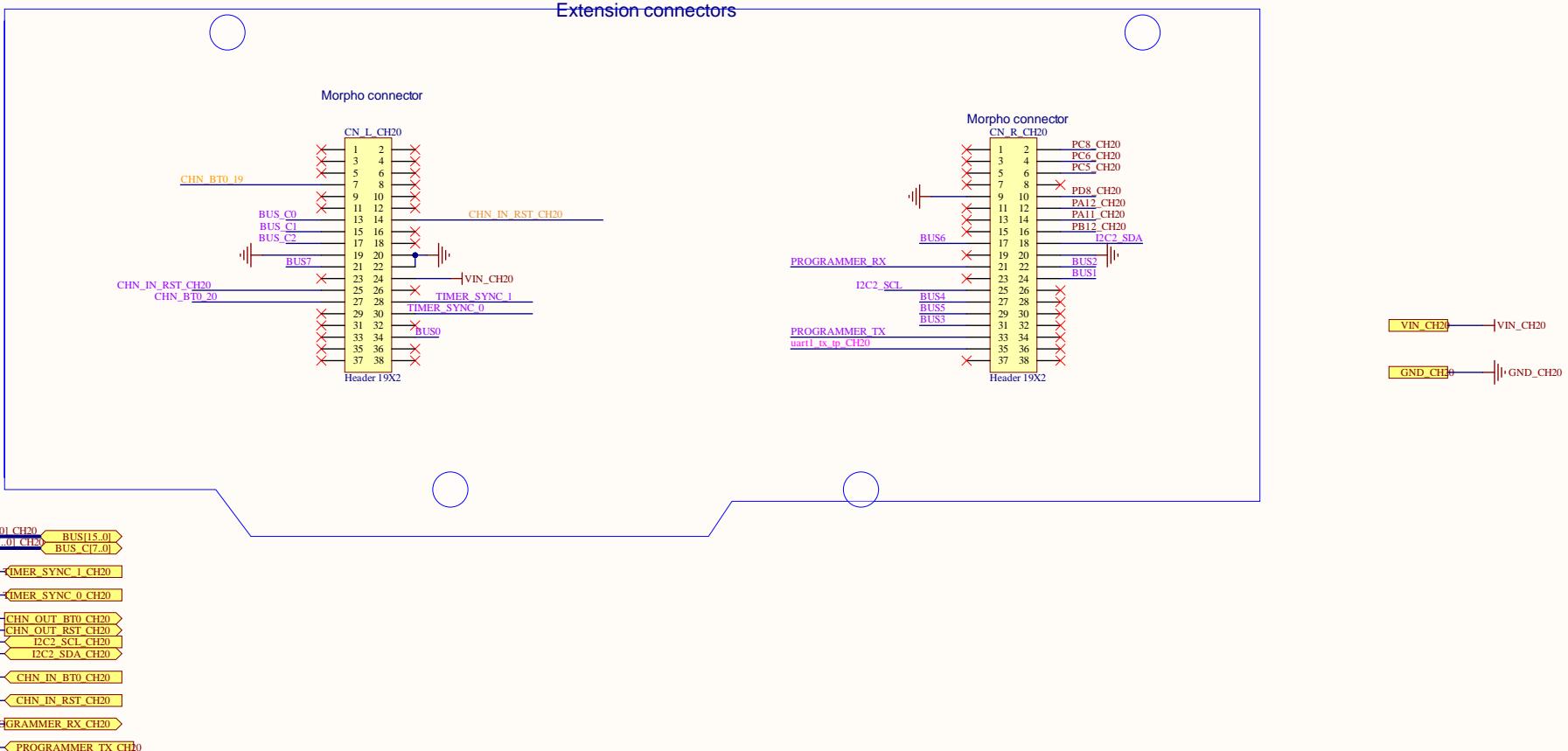
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|---|------------------|----------------|
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| Size: A3 | Number: *18 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet 18 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



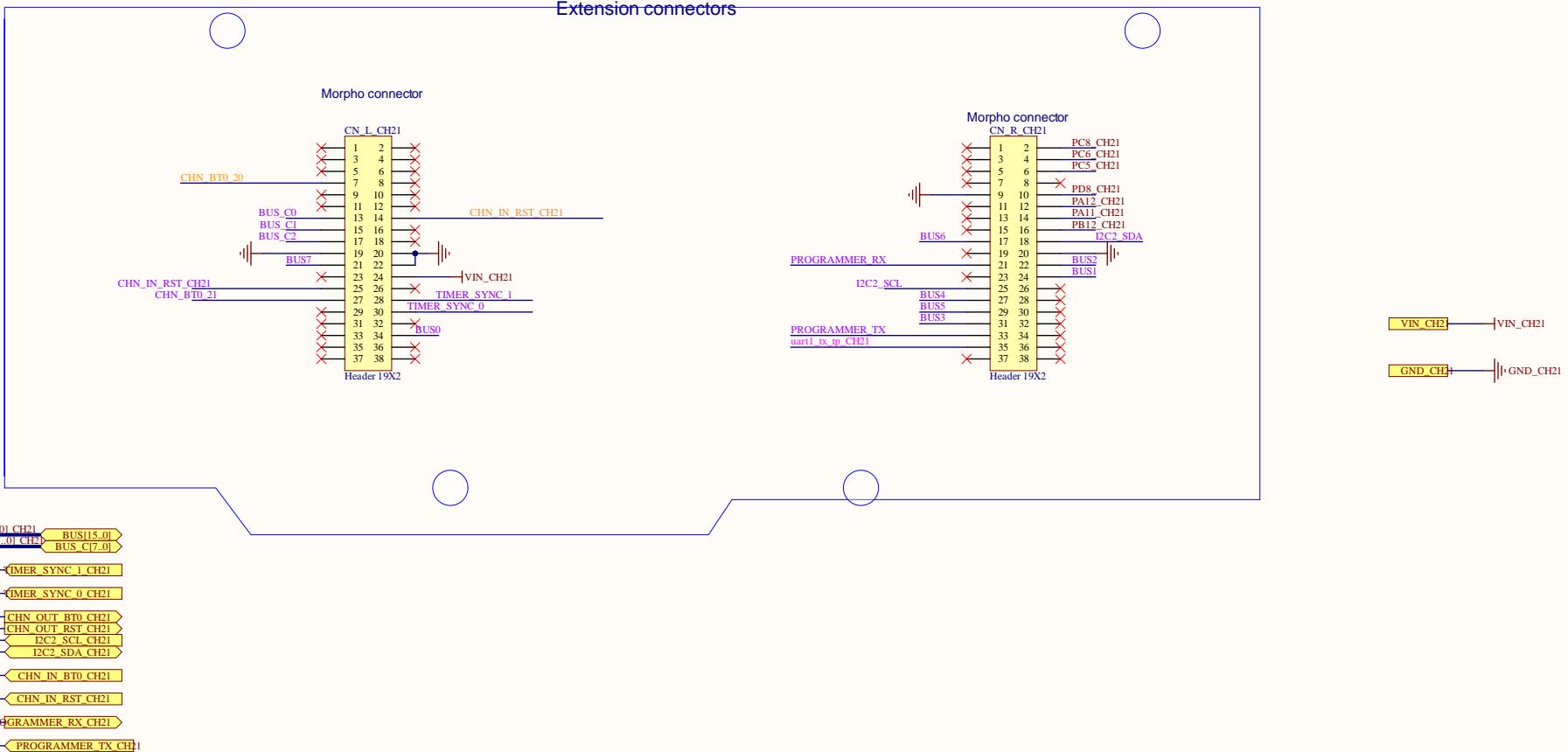
| | | |
|---|------------------|-----------------|
| Title: * | | |
| Size: A3 | Number: *19 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet: 19 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors

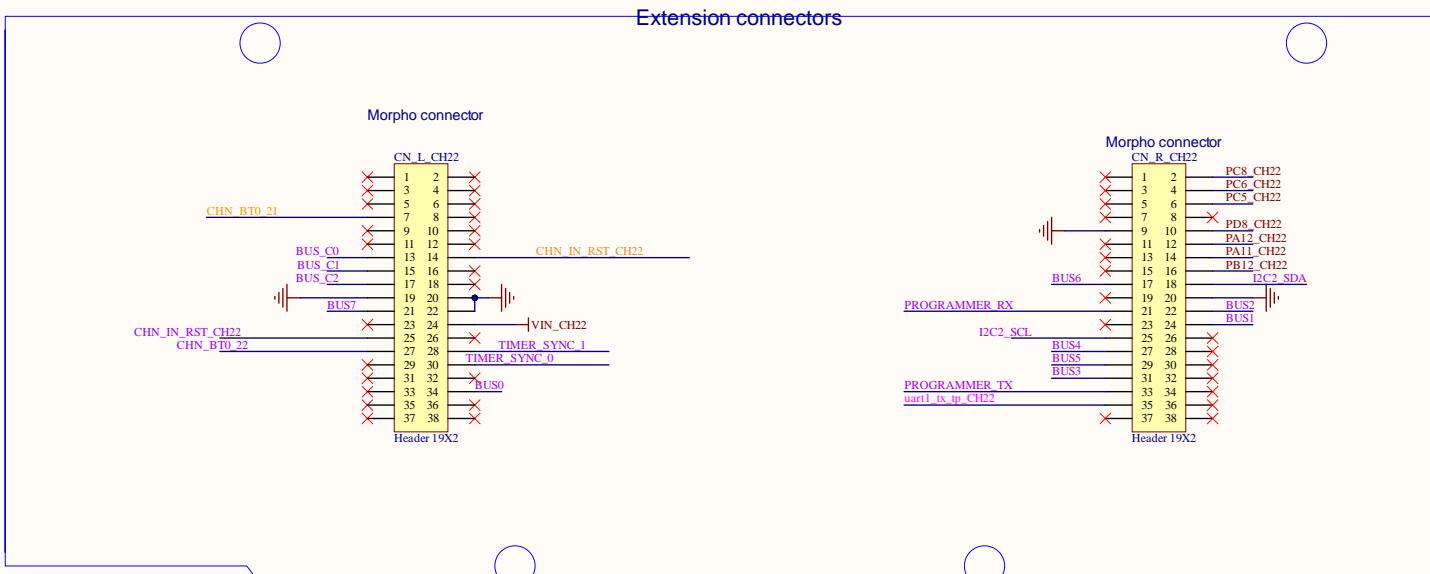


| | | |
|---|------------------|----------------|
| Title: * | | |
| Size: A3 | Number: * .20 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet 20 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |

Extension connectors



| | | |
|---|------------------|----------------|
| Title: * | | |
| Size: A3 | Number: *21 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet 21 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |



BUS[15..0] CH22
 BUS[17..0] CH22
 BUS[15..0] CH22
 BUS[17..0] CH22
 TIMER_SYNC_1
 TIMER_SYNC_0
 CHN_BT0_22
 CHN_OUT_BT0_CH22
 CHN_OUT_RST_CH22
 I2C2_SCL
 I2C2_SDA
 CHN_BT0_21
 CHN_IN_BT0_CH22
 CHN_IN_RST_CH22
 PROGRAMMER_RX
 PROGRAMMER_RX_CH22
 PROGRAMMER_TX
 PROGRAMMER_TX_CH22

| | | |
|---|------------------|-----------------|
| Title: * | | |
| Size: A3 | Number: * .22 | Revision: * |
| Date: 3/4/2021 | Time: 1:03:57 PM | Sheet: 22 of 24 |
| File: C:/Users/farsh/Documents/hardware/manarray_beta2_sensor_with_evalChannel.SchDoc | | |
| Altium | | |

