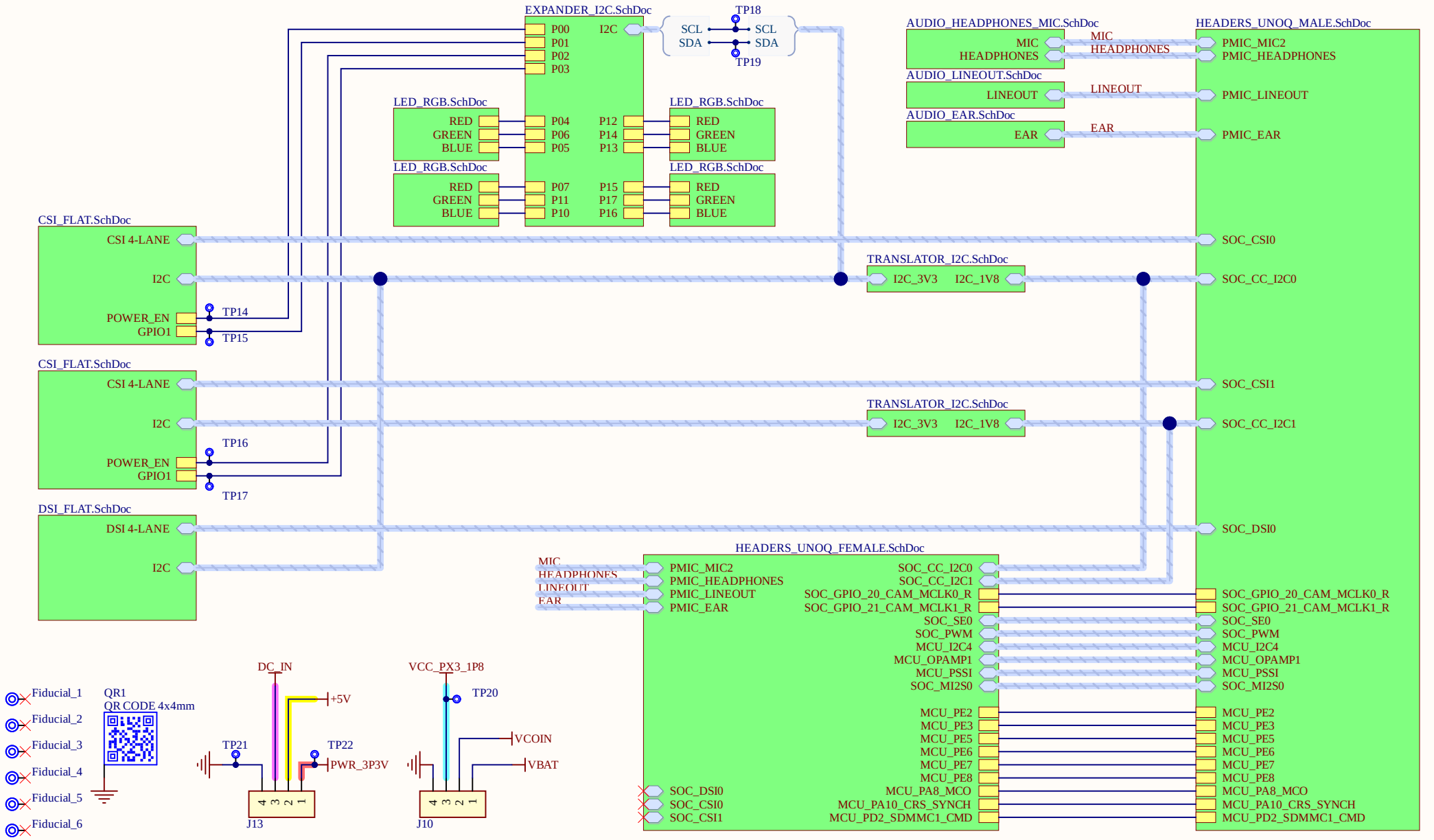

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Title: TOP			
ID: ASX00083		Version: V0.5	
Date: 3/23/2026	Time: 6:35:48 PM	Sheet 1 of 11	
File: TOP.SchDoc		Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro

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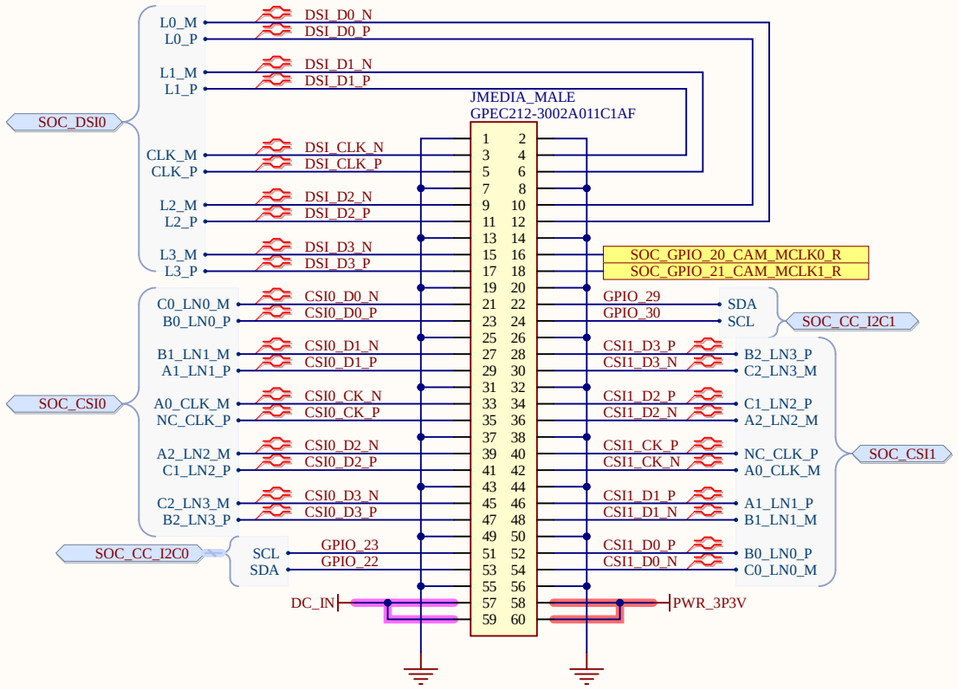
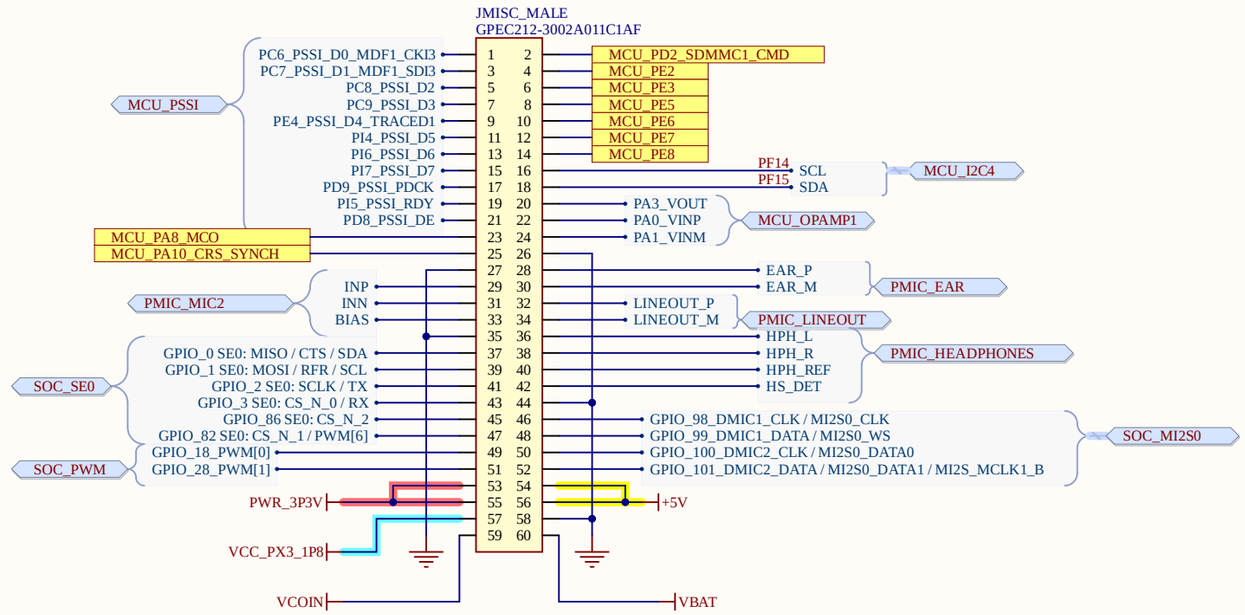
JMEDIA



JMISC



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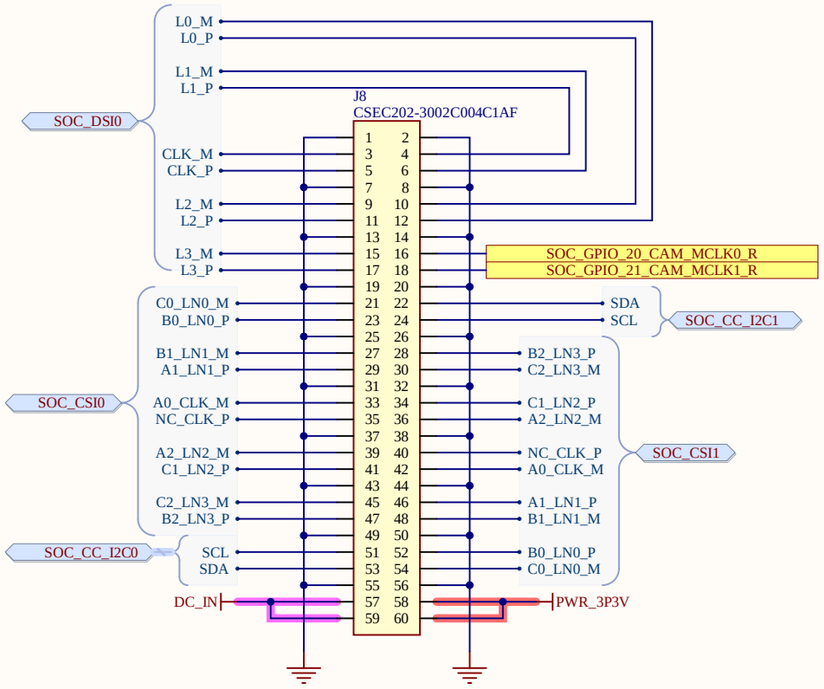
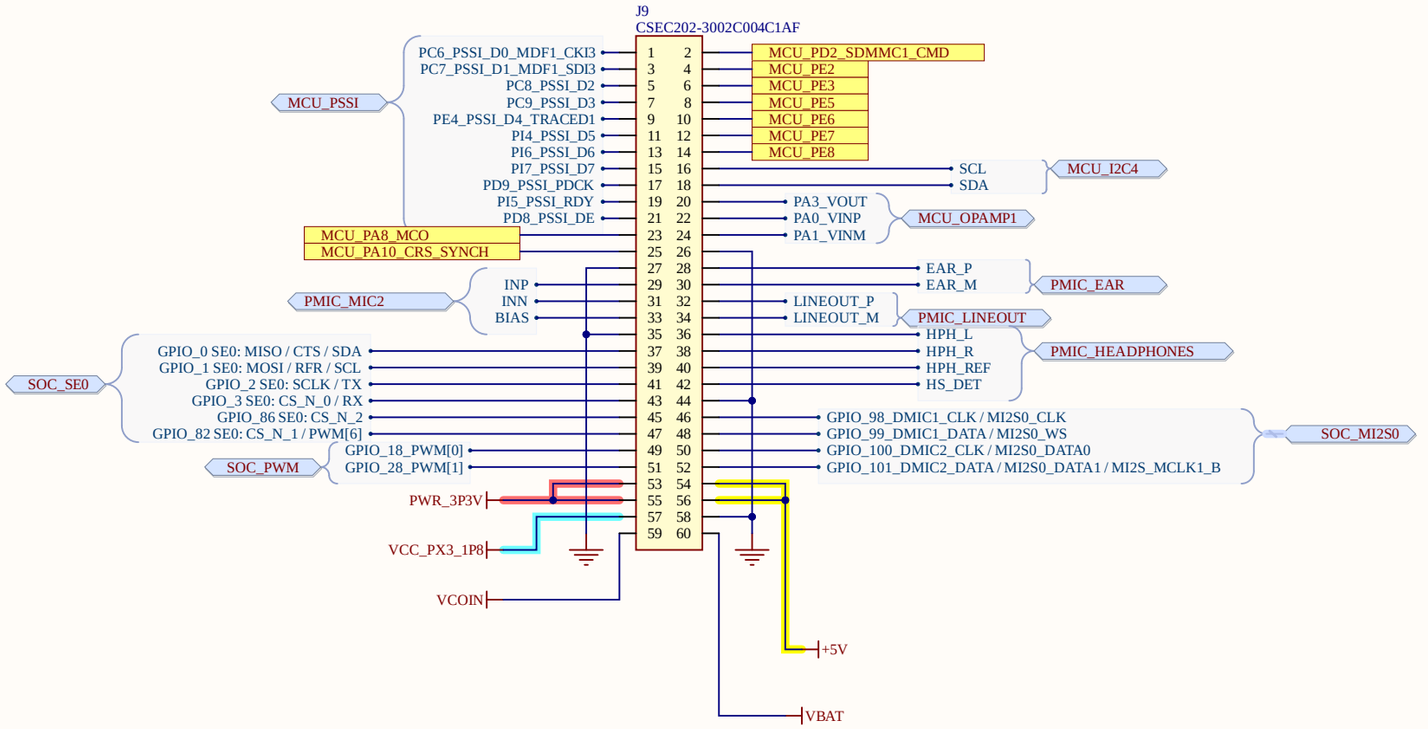
Title: **HEADERS UNO Q MALE**			
ID: ASX00083	Version: V0.5		
Date: 3/23/2026 Time: 6:35:51 PM	Sheet 2 of 11		
File: HEADERS_UNOQ_MALE.SchDoc	Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro	

JMEDIA



JMISC



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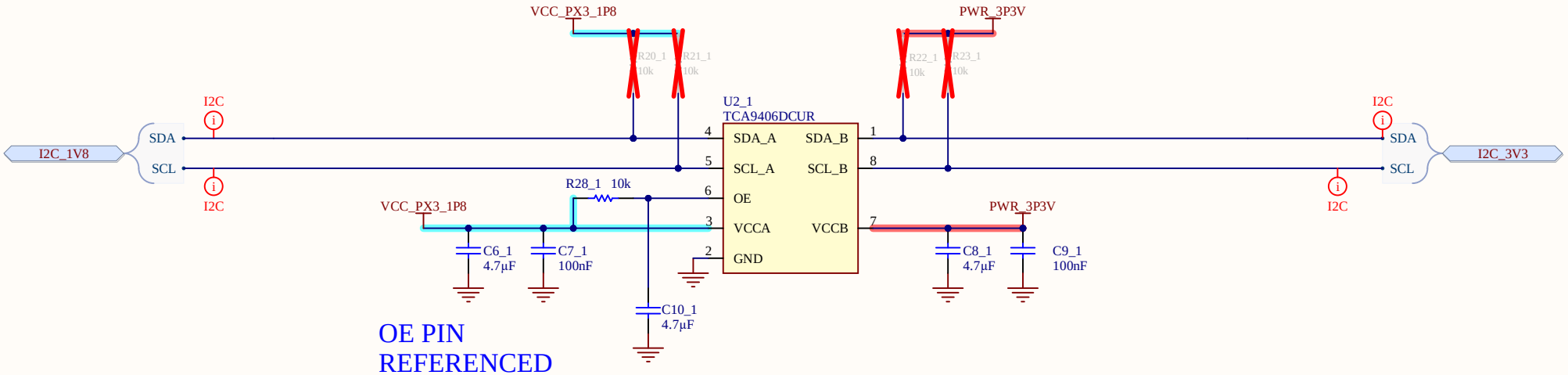
Title: **HEADERS UNO Q FEMALE**			
ID: ASX00083		Version: V0.5	
Date: 3/23/2026	Time: 6:35:53 PM	Sheet 3 of 11	
File: HEADERS_UNOQ_FEMALE.SchDoc		Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro

LEVEL TRANSLATOR
BIDIRECTIONAL 1MHz
VCCA ≤ VCCB

A SIDE
Internal 10k pullups
1.65V to 3.65V
ESD 2.5kV Human body model

B SIDE
Internal 10k pullups
2.3V to 5.5V
ESD 8kV Human body model



OE PIN
REFERENCED
TO VCCA

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Title: TRANSLATOR I2C			
ID: ASX00083	Version: V0.5		
Date: 3/23/2026 Time: 6:35:55 PM	Sheet 4 of 11		
File: TRANSLATOR_I2C.SchDoc	Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro	

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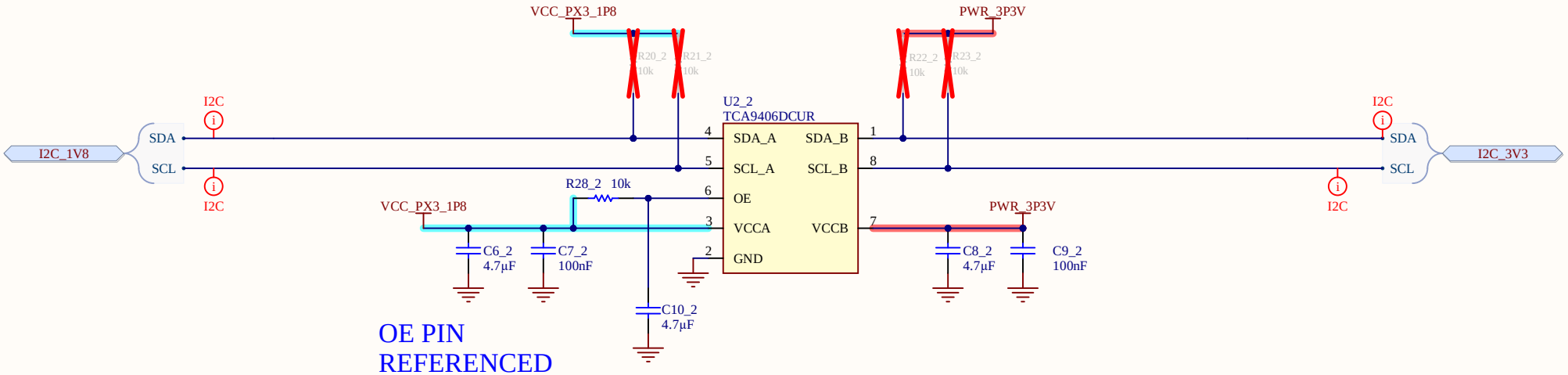
LEVEL TRANSLATOR
BIDIRECTIONAL 1MHz
VCCA ≤ VCCB

A SIDE
Internal 10k pullups
1.65V to 3.65V
ESD 2.5kV Human body model

B SIDE
Internal 10k pullups
2.3V to 5.5V
ESD 8kV Human body model



OE PIN
REFERENCED
TO VCCA

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Title: TRANSLATOR I2C			
ID: ASX00083	Version: V0.5		
Date: 3/23/2026 Time: 6:35:56 PM	Sheet 4 of 11		
File: TRANSLATOR_I2C.SchDoc	Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro	

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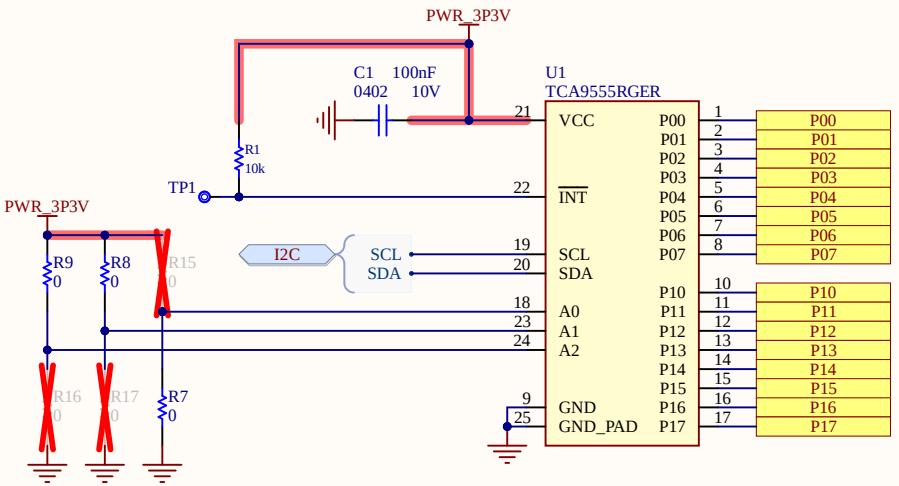

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Title: **EXPANDER I2C**			
ID: ASX00083	Version: V0.5		
Date: 3/23/2026 Time: 6:35:58 PM	Sheet 5 of 11		
File: EXPANDER_I2C.SchDoc	Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro	

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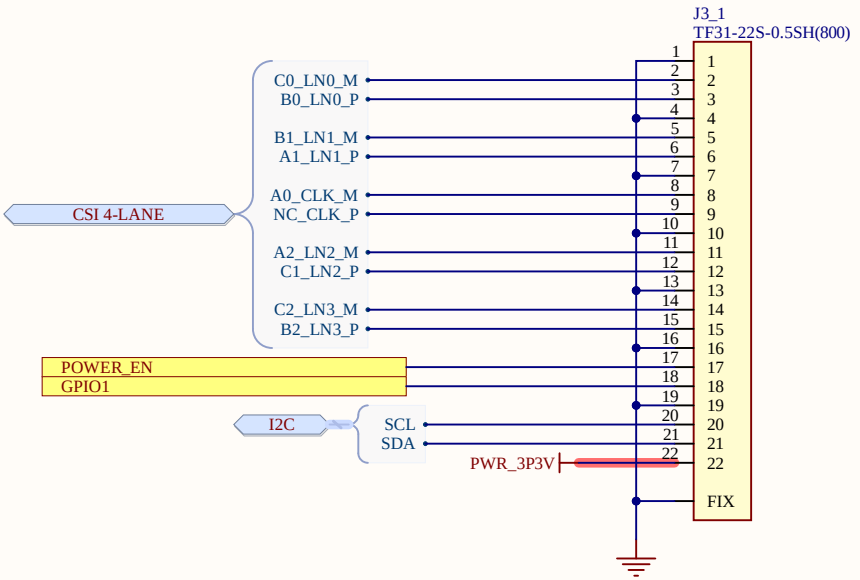

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Title: **CSI FLAT**			
ID: ASX00083		Version: V0.5	
Date: 3/23/2026	Time: 6:36:00 PM	Sheet 6 of 11	
File: CSI_FLAT.SchDoc		Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro

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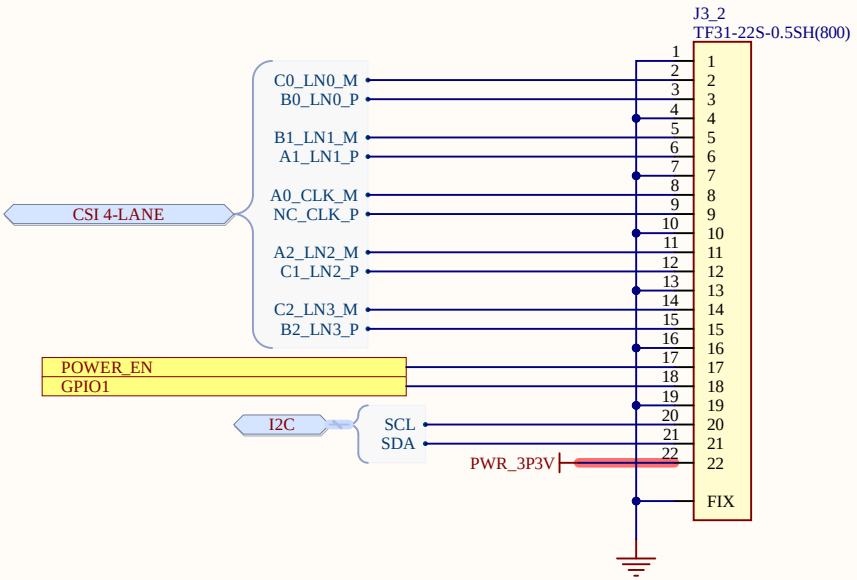

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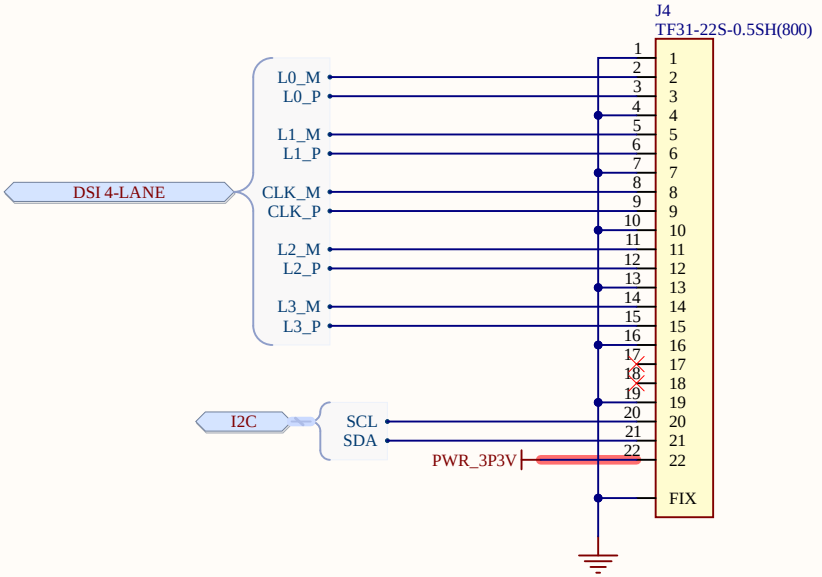
Title: **CSI FLAT**			
ID: ASX00083		Version: V0.5	
Date: 3/23/2026	Time: 6:36:02 PM	Sheet 6 of 11	
File: CSI_FLAT.SchDoc		Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro



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Title: **DSI FLAT**			
ID: ASX00083		Version: V0.5	
Date: 3/23/2026	Time: 6:36:04 PM	Sheet 7 of 11	
File: DSI_FLAT.SchDoc		Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro

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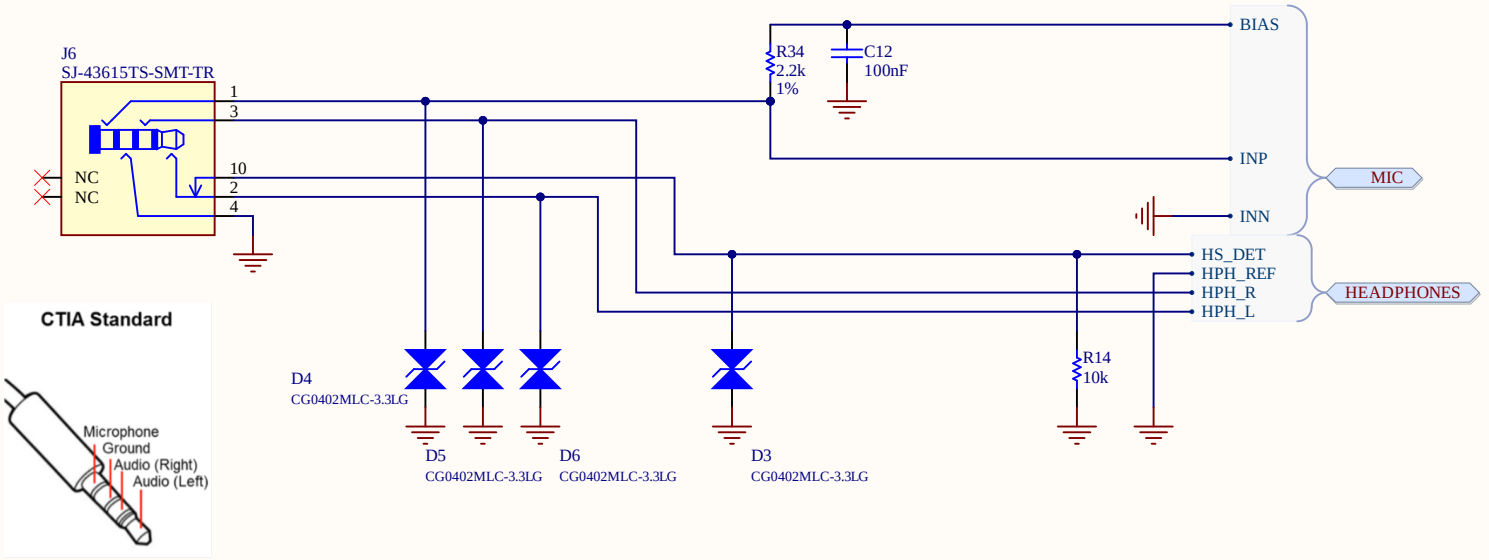

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Title: **HEADPHONES OUT, MIC IN**			
ID: ASX00083	Version: V0.5		
Date: 3/23/2026 Time: 6:36:05 PM	Sheet 8 of 11		
File: AUDIO_HEADPHONES_MIC.SchDoc	Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro	

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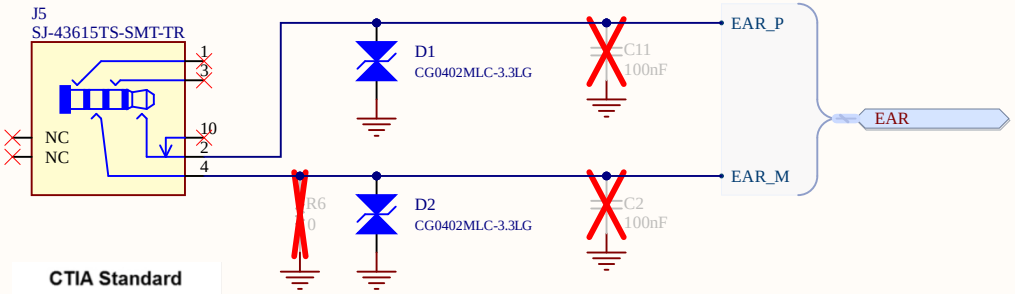

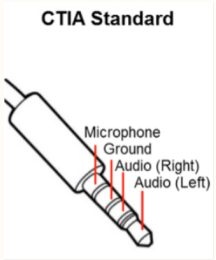

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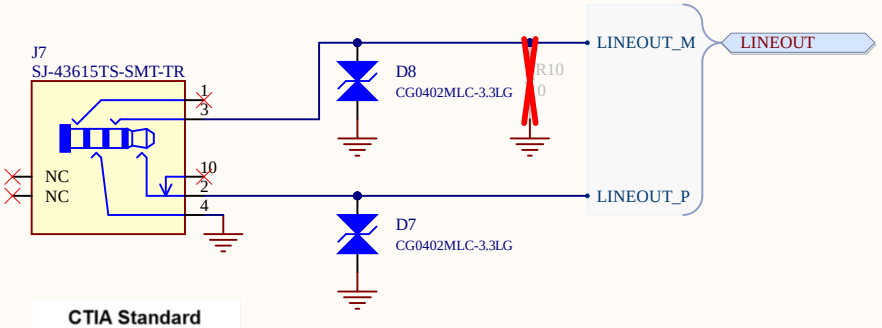
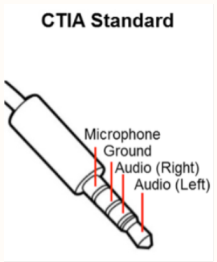
Title: **EAR OUT**			
ID: ASX00083		Version: V0.5	
Date: 3/23/2026	Time: 6:36:07 PM	Sheet 9 of 11	
File: AUDIO_EAR.SchDoc		Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro





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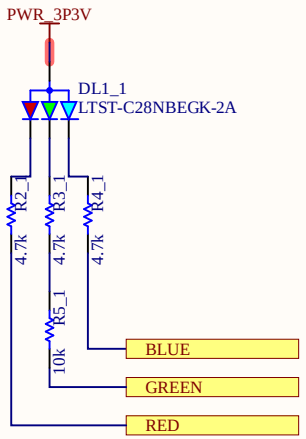
Title: **LINE OUT**			
ID: ASX00083	Version: V0.5		
Date: 3/23/2026 Time: 6:36:09 PM	Sheet 10 of 11		
File: AUDIO_LINEOUT.SchDoc	Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro	



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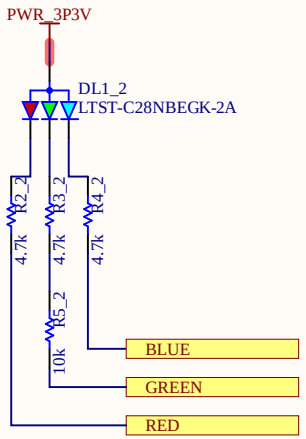
Title: **LED RGB**			
ID: ASX00083	Version: V0.5		
Date: 3/23/2026 Time: 6:36:11 PM	Sheet 11 of 11		
File: LED_RGB.SchDoc	Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro	



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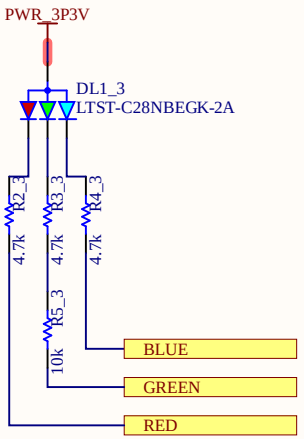
Title: **LED RGB**			
ID: ASX00083	Version: V0.5		
Date: 3/23/2026 Time: 6:36:12 PM	Sheet 11 of 11		
File: LED_RGB.SchDoc	Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro	



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Title: **LED RGB**			
ID: ASX00083	Version: V0.5		
Date: 3/23/2026 Time: 6:36:14 PM	Sheet 11 of 11		
File: LED_RGB.SchDoc	Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro	

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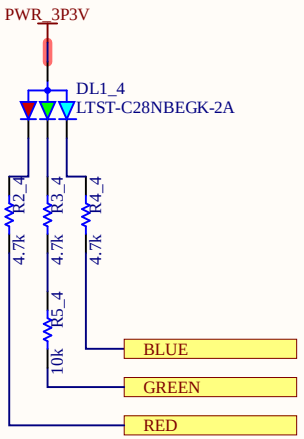

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Title: **LED RGB**			
ID: ASX00083	Version: V0.5		
Date: 3/23/2026 Time: 6:36:16 PM	Sheet 11 of 11		
File: LED_RGB.SchDoc	Author: Silvio Navaretti	RevAuthor: Daniela Catanzaro	

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