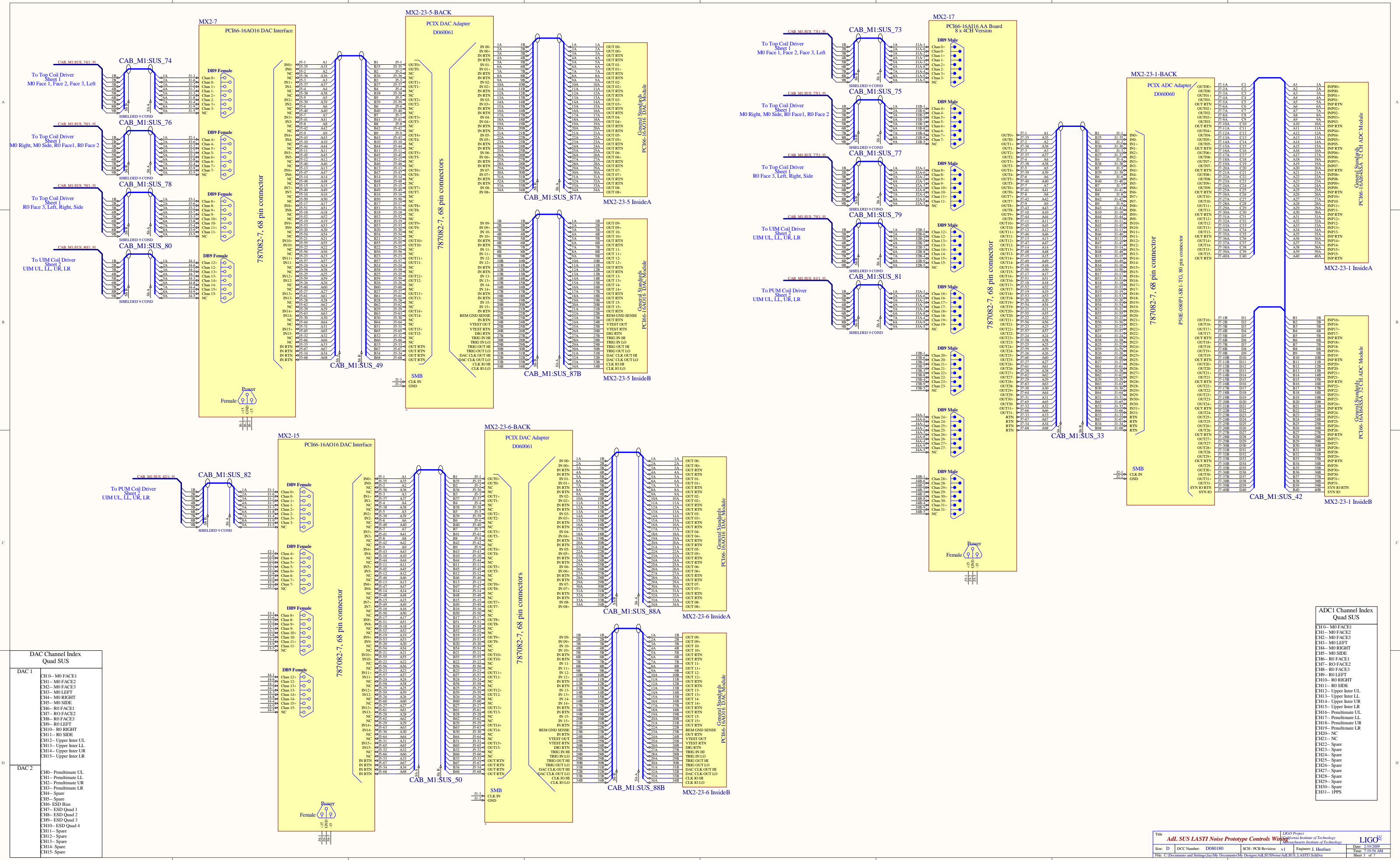
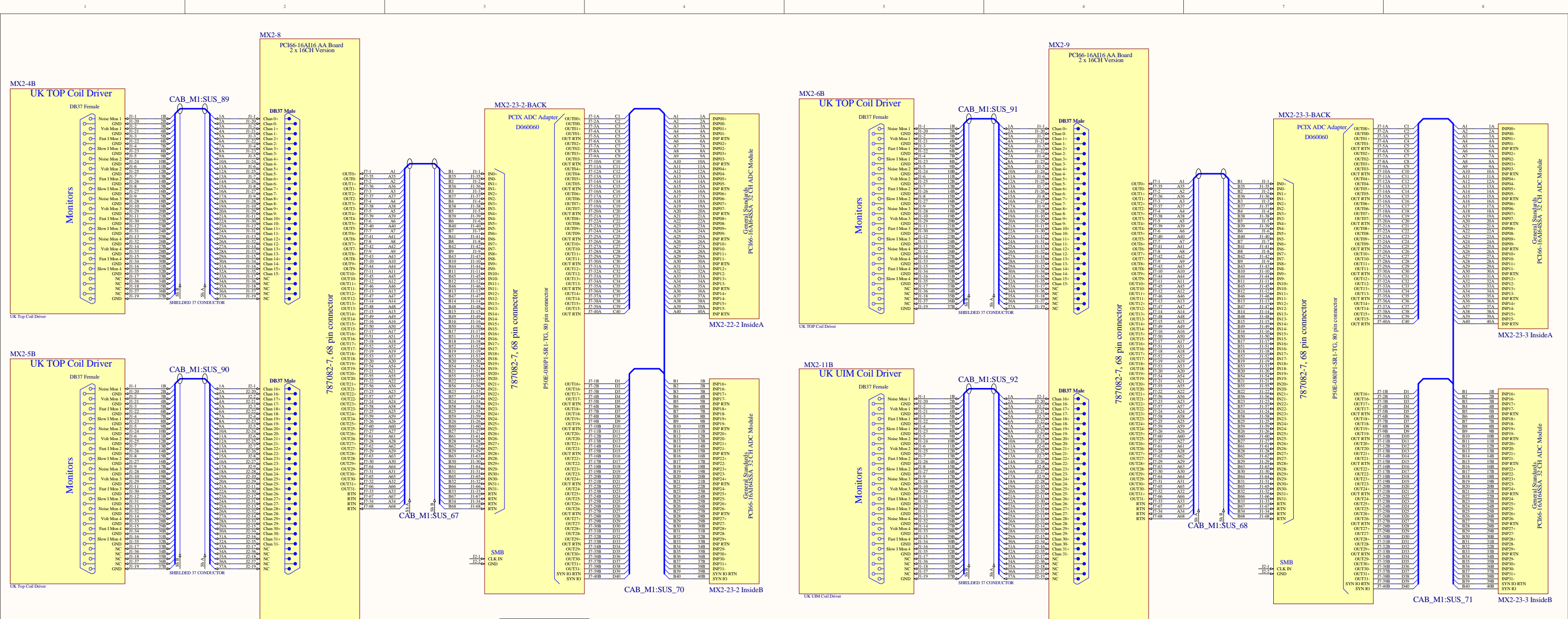


Top Mass
12 OSEMs



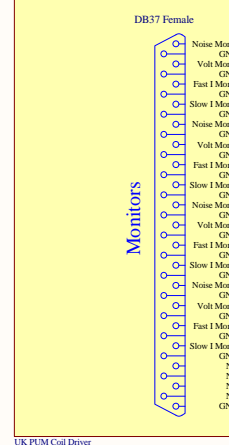
DAC Channel Index Quad SUS	
DAC 1	DAC 2
CH0 - M0 FACE1	CH0 - Penultimate UL
CH1 - M0 FACE2	CH1 - Penultimate LR
CH2 - M0 FACE3	CH2 - Penultimate UR
CH3 - M0 LEFT	CH3 - Spare
CH4 - M0 RIGHT	CH4 - Spare
CH5 - M0 SIDE	CH5 - Spare
CH6 - R0 FACE1	CH6 - ESD Bias
CH7 - R0 FACE2	CH7 - ESD Quad 1
CH8 - R0 FACE3	CH8 - ESD Quad 2
CH9 - R0 LEFT	CH9 - ESD Quad 3
CH10 - R0 RIGHT	CH10 - ESD Quad 4
CH11 - R0 SIDE	CH11 - Spare
CH12 - Upper Inter UL	CH12 - Spare
CH13 - Upper Inter LL	CH13 - Spare
CH14 - Upper Inter UR	CH14 - Spare
CH15 - Upper Inter LR	CH15 - Spare

ADC1 Channel Index Quad SUS	
CH0 - M0 FACE1	CH0 - M0 FACE1
CH1 - M0 FACE2	CH1 - M0 FACE2
CH2 - M0 FACE3	CH2 - M0 FACE3
CH3 - M0 LEFT	CH3 - M0 LEFT
CH4 - M0 RIGHT	CH4 - M0 RIGHT
CH5 - M0 SIDE	CH5 - M0 SIDE
CH6 - R0 FACE1	CH6 - R0 FACE1
CH7 - R0 FACE2	CH7 - R0 FACE2
CH8 - R0 FACE3	CH8 - R0 FACE3
CH9 - R0 LEFT	CH9 - R0 LEFT
CH10 - R0 RIGHT	CH10 - R0 RIGHT
CH11 - R0 SIDE	CH11 - R0 SIDE
CH12 - Upper Inter UL	CH12 - Upper Inter UL
CH13 - Upper Inter LL	CH13 - Upper Inter LL
CH14 - Upper Inter UR	CH14 - Upper Inter UR
CH15 - Upper Inter LR	CH15 - Upper Inter LR
CH16 - Penultimate UR	CH16 - Penultimate UR
CH17 - Penultimate LR	CH17 - Penultimate LR
CH18 - Penultimate UR	CH18 - Penultimate UR
CH19 - Penultimate LR	CH19 - Penultimate LR
CH20 - NC	CH20 - NC
CH21 - NC	CH21 - NC
CH22 - Spare	CH22 - Spare
CH23 - Spare	CH23 - Spare
CH24 - Spare	CH24 - Spare
CH25 - Spare	CH25 - Spare
CH26 - Spare	CH26 - Spare
CH27 - Spare	CH27 - Spare
CH28 - Spare	CH28 - Spare
CH29 - Spare	CH29 - Spare
CH30 - Spare	CH30 - Spare
CH31 - IPPS	CH31 - IPPS

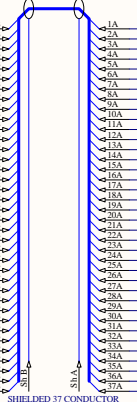


ADC2 Channel Index Quad SUS		ADC3 Channel Index Quad SUS	
CH0- M0 FACE 1 Noise Mon	CH1- M0 FACE 1 Volt Mon	CH0- R0 FACE 3 Noise Mon	CH1- R0 FACE 3 Volt Mon
CH2- M0 FACE 1 Fast 1 Mon	CH3- M0 FACE 2 Noise Mon	CH2- R0 FACE 3 Fast 1 Mon	CH3- R0 FACE 3 Fast 1 Mon
CH4- M0 FACE 2 Slow 1 Mon	CH5- M0 FACE 2 Volt Mon	CH4- R0 LEFT Noise Mon	CH5- R0 LEFT Volt Mon
CH6- M0 FACE 2 Fast 1 Mon	CH7- M0 FACE 2 Fast 1 Mon	CH6- R0 LEFT Fast 1 Mon	CH7- R0 LEFT Slow 1 Mon
CH8- M0 FACE 2 Slow 1 Mon	CH9- M0 FACE 3 Volt Mon	CH8- R0 RIGHT Noise Mon	CH9- R0 RIGHT Volt Mon
CH10- M0 FACE 3 Fast 1 Mon	CH11- M0 FACE 3 Slow 1 Mon	CH10- R0 RIGHT Fast 1 Mon	CH11- R0 RIGHT Slow 1 Mon
CH12- M0 LEFT Noise Mon	CH13- M0 LEFT Volt Mon	CH12- R0 SIDE Noise Mon	CH13- R0 SIDE Volt Mon
CH14- M0 LEFT Fast 1 Mon	CH15- M0 LEFT Slow 1 Mon	CH14- R0 SIDE Fast 1 Mon	CH15- R0 SIDE Slow 1 Mon
CH16- M0 RIGHT Noise Mon	CH17- M0 RIGHT Volt Mon	CH16- UIM UL Noise Mon	CH17- UIM UL Volt Mon
CH18- M0 RIGHT Fast 1 Mon	CH19- M0 RIGHT Slow 1 Mon	CH18- UIM UL Fast 1 Mon	CH19- UIM UL Slow 1 Mon
CH20- M0 SIDE Noise Mon	CH21- M0 SIDE Volt Mon	CH20- UIM LL Noise Mon	CH21- UIM LL Volt Mon
CH22- M0 SIDE Fast 1 Mon	CH23- M0 SIDE Slow 1 Mon	CH22- UIM LL Fast 1 Mon	CH23- UIM LL Slow 1 Mon
CH24- R0 FACE 1 Noise Mon	CH25- R0 FACE 1 Volt Mon	CH24- UIM UR Noise Mon	CH25- UIM UR Volt Mon
CH26- R0 FACE 1 Fast 1 Mon	CH27- R0 FACE 1 Slow 1 Mon	CH26- UIM UR Fast 1 Mon	CH27- UIM UR Slow 1 Mon
CH28- R0 FACE 2 Noise Mon	CH29- R0 FACE 2 Volt Mon	CH28- UIM LR Noise Mon	CH29- UIM LR Volt Mon
CH30- R0 FACE 2 Fast 1 Mon	CH31- R0 FACE 2 Slow 1 Mon	CH30- UIM LR Fast 1 Mon	CH31- UIM LR Slow 1 Mon

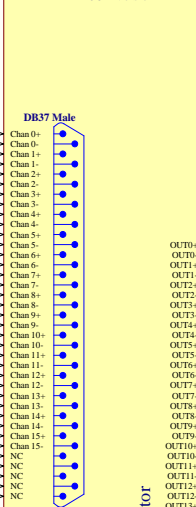
MX2-12B
UK PUM Coil Driver



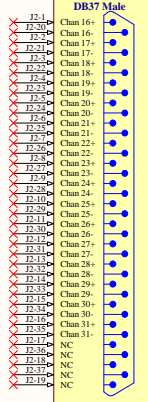
CAB_M1:SUS_93



MX2-16
PCI66-16A116 AA Board
2 x 16CH Version

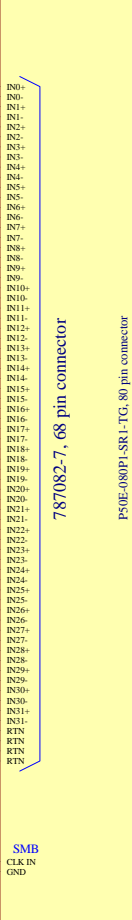


787082-7, 68 pin connector

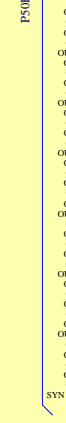


MX2-23-4-BACK

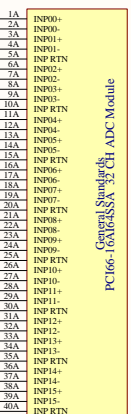
PCI9 ADC Adapter
D060060



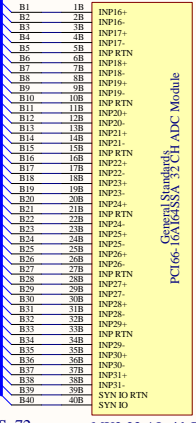
787082-7, 68 pin connector



CAB_M1:SUS_72

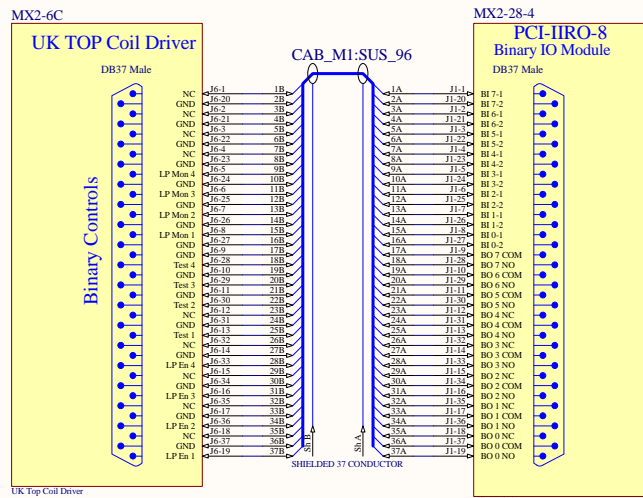
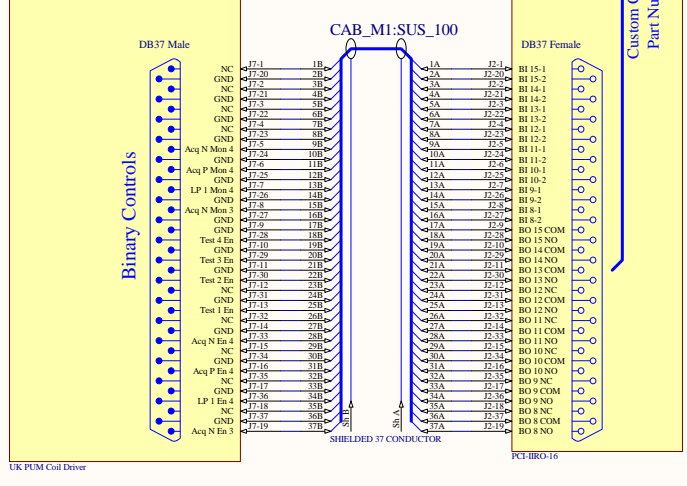
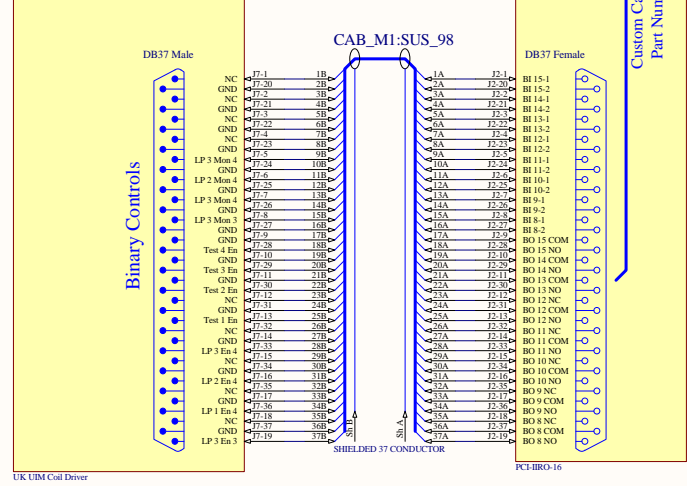
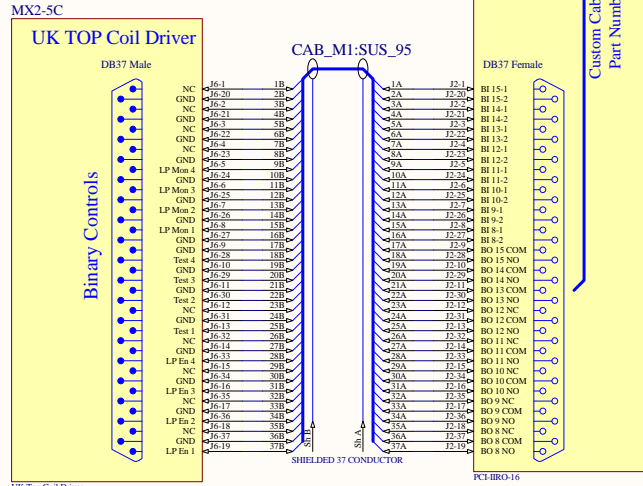
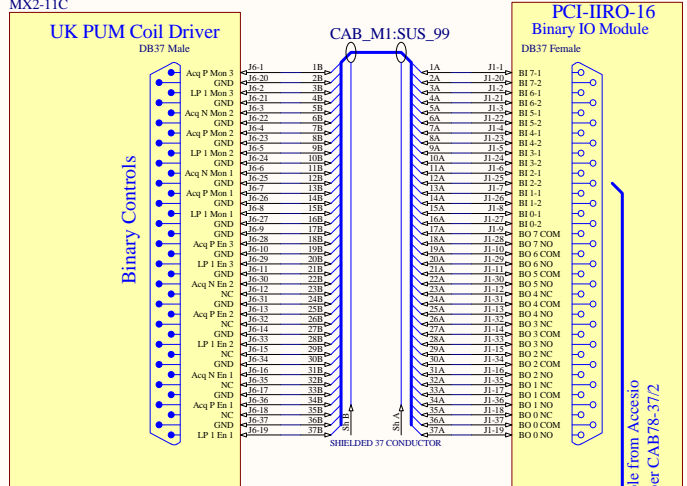
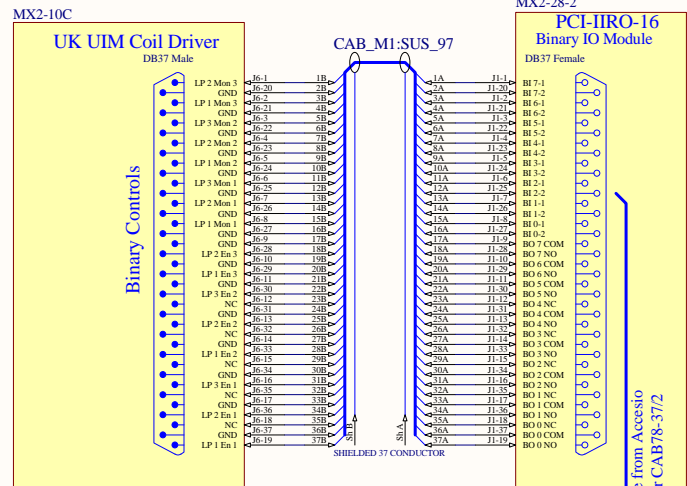
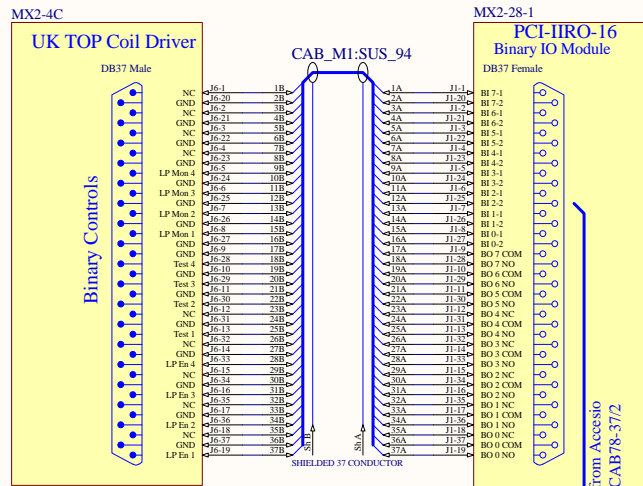


MX2-23-4 InsideA



MX2-23-4 InsideB

ADC4 Channel Index Quad SUS	
CH0	TOP Noise Mon 1
CH1	TOP Volt Mon 1
CH2	TOP Fast 1 Mon 1
CH3	TOP Slow 1 Mon 1
CH4	TOP Noise Mon 2
CH5	TOP Volt Mon 2
CH6	TOP Fast 1 Mon 2
CH7	TOP Slow 1 Mon 2
CH8	TOP Noise Mon 3
CH9	TOP Volt Mon 3
CH10	TOP Fast 1 Mon 3
CH11	TOP Slow 1 Mon 3
CH12	TOP Noise Mon 4
CH13	TOP Volt Mon 4
CH14	TOP Fast 1 Mon 4
CH15	TOP Slow 1 Mon 4
CH16	TOP Noise Mon 1
CH17	NC
CH18	Penultimate UL
CH19	Penultimate LL
CH20	Penultimate UR
CH21	Penultimate LR
CH22	Spare
CH23	Spare
CH24	Spare
CH25	Spare
CH26	Spare
CH27	Spare
CH28	Spare
CH29	Spare
CH30	Spare
CH31	Spare



A

B

C

D

A

B

C

D

