

test

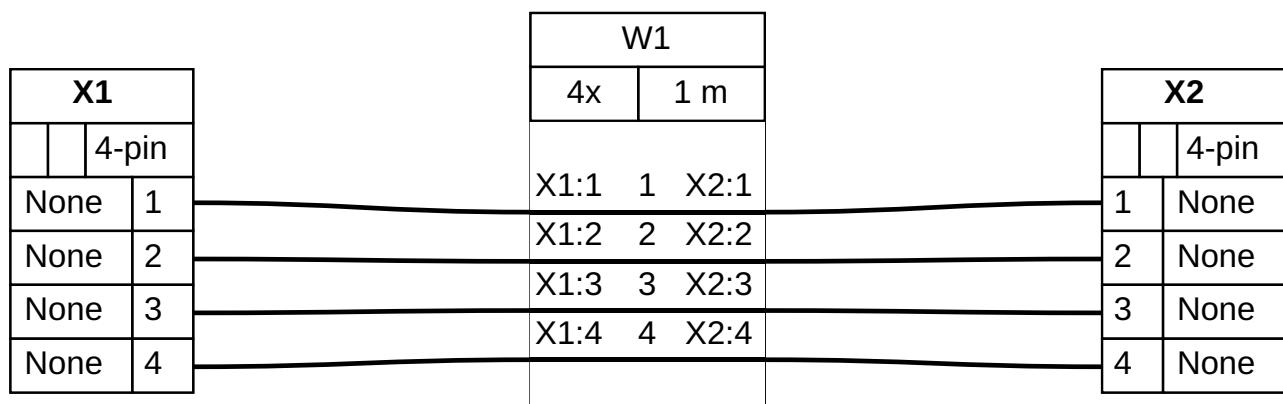
Notes:

1. Wire color is a recommendation
2. Label harnesses with text given in diagram
3. Label every connector to match the designation in the drawing
4. Zip tie entire harness at 1ft increments where required.
5. Cover all cables with 1/2" or 1/8" black sleeving as required.

BOM

#	Qty	Unit	Description	Designators	P/N	Manufacturer	MPN	Supplier	SPN
1	2		Connector, , , 4 pins						
2	1m		Cable, 4 wires						
3	12		Connector, Molex KK 254, female, 4 pins						
4	1m		Cable, 4 x 0.25 mm ²						
5	1m		Cable, 4 x 0.25 mm ² shielded						
6	1		Connector, Molex KK 254, male, 4 pins						
7	0.40	m	Cable, 4 x 24 AWG						
8	6		Connector, Crimp ferrule, 0.5 mm ² , OG						
9	2		Connector, Molex 8981, female, 4 pins						
10	1.20	m	Wire, 0.5 mm ² , BK						
11	0.60	m	Wire, 0.5 mm ² , RD						
12	0.60	m	Wire, 0.5 mm ² , YE						
13	1		Connector, Crimp ferrule, 1.0 mm ² , YE						
14	1m		Wire, 0.25 mm ² , PK						
15	1m		Wire, 0.25 mm ² , TQ						
16	1m		Wire, 0.25 mm ² , VT						
17	1m		Wire, 0.25 mm ² , YE						
18	2		Connector, Molex KK 254, female, 4 pins		Molex	22013047	Digimouse	1234	
19	1		Connector, Molex KK 254, female, 4 pins	CON4	Molex	22013047	Digimouse	1234	
20	1m		Cable, 4 x 0.25 mm ²	CAB1	CablesCo	ABC123	Cables R Us	999-888-777	
21	2m		Wire, 0.25 mm ² , BK	WIRE2	WiresCo	W1-BK	WireShack	1002	
22	1m		Wire, 0.25 mm ² , RD	WIRE3	WiresCo	W1-RD	WireShack	1009	
23	1m		Wire, 0.25 mm ² , YE	WIRE1	WiresCo	W1-YE	WireShack	1001	
24	12		Crimp, Molex KK 254, 22-30 AWG		Molex	08500030			
25	2		Label, pinout information	X2, X3	Label-ID-1	Brady	B-499		
26	1		Sleeve, Braided nylon, black, 3mm		SLV-1				
27	3		Test		ABC	Molex	45454	Mousikey	9999

					Date	Name	some company			
				created	2023-03-29	bob ross				
				reviewed	n/a	n/a	8888 fancy street west			
							test			
a	2023-03-29	bob ross	initial release				test-01			REV a
Rev	Date	Name	Changelog							Sheet 1 of 1



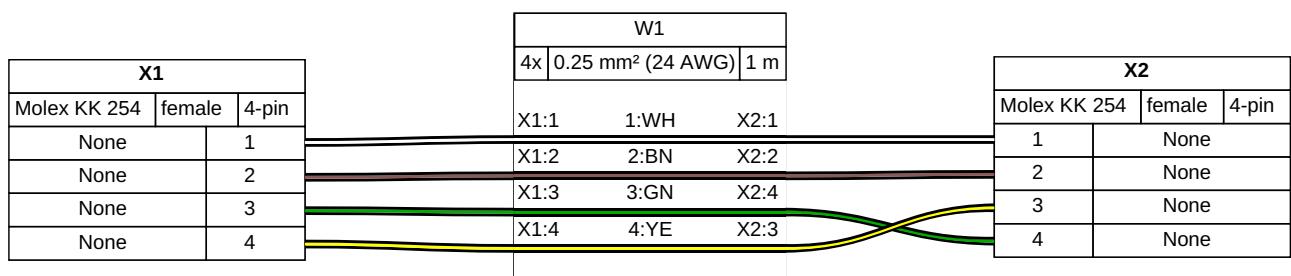
Notes:

1. Wire color is a recommendation
 2. Label harnesses with text given in diagram
 3. Label every connector to match the designation in the drawing
 4. Zip tie entire harness at 1ft increments where required.
 5. Cover all cables with 1/2" or 1/8" black sleeving as required.

BOM

#	Qty	Unit	Description
2	1	m	Cable, 4 wires
1	2		Connector, , , 4 pins

					Date	Name	some company	
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Rev	Date	Name	Changelog					Sheet 2 of



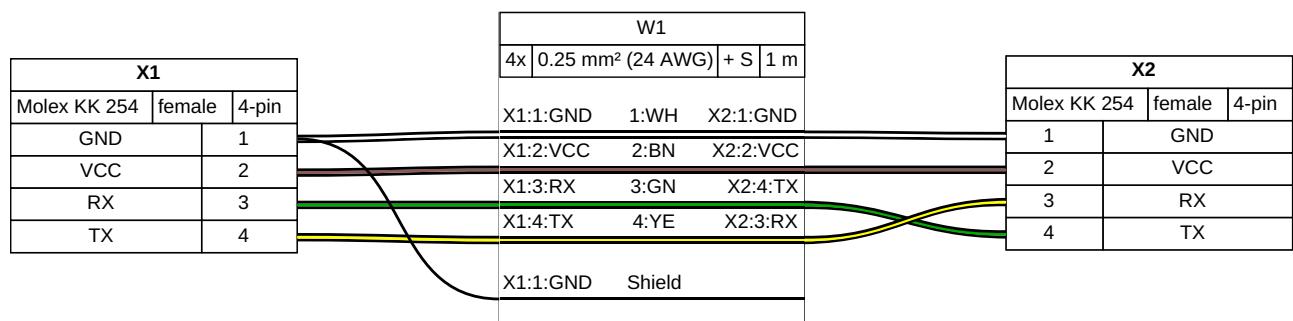
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BOM

4	1	m	Cable, 4 x 0.25 mm ²
3	2		Connector, Molex KK 254, female, 4 pins
#	Qty	Unit	Description

					Date	Name	some company	
				created	2023-03-29	bob ross		
				reviewed	n/a	n/a	8888 fancy street west	
							test	
a	2023-03-29	bob ross	initial release				test-01	REV a
Rev	Date	Name	Changelog					Sheet 3 of 1



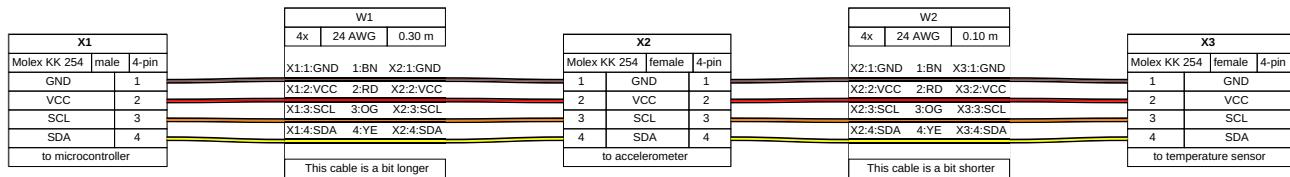
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BOM

5	1	m	Cable, 4 x 0.25 mm ² shielded
3	2		Connector, Molex KK 254, female, 4 pins
#	Qty	Unit	Description

					Date	Name	some company	
				created	2023-03-29	bob ross		
				reviewed	n/a	n/a	8888 fancy street west	
							test	
a	2023-03-29	bob ross	initial release				test-01	REV a
Rev	Date	Name	Changelog					Sheet 4 of 10



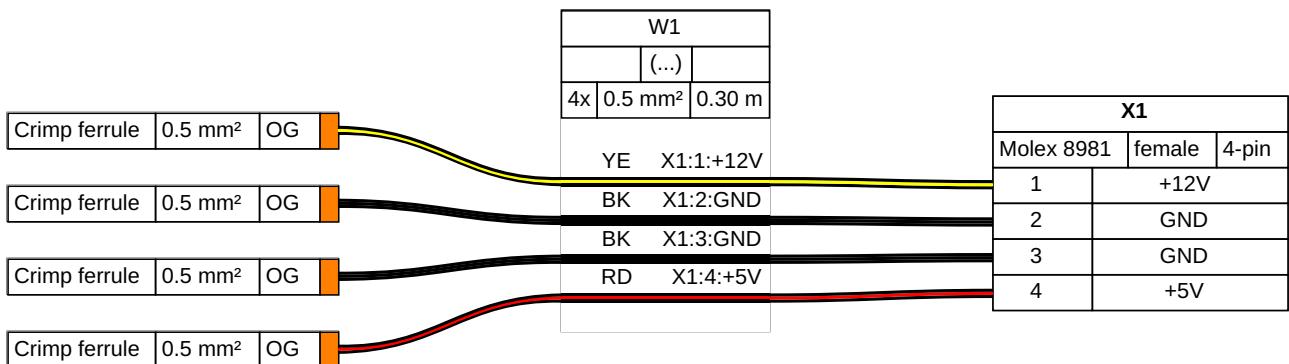
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BOM

7	0.40	m	Cable, 4 x 24 AWG
6	1		Connector, Molex KK 254, male, 4 pins
3	2		Connector, Molex KK 254, female, 4 pins
#	Qty	Unit	Description

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Rev	Date	Name	Changelog					Sheet 5 of 10



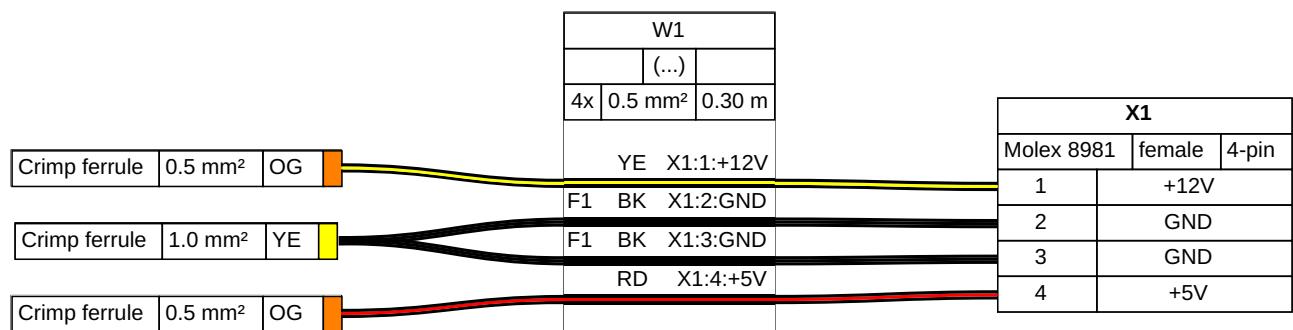
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BOM

12	0.30m	Wire, 0.5 mm ² , YE	
11	0.30m	Wire, 0.5 mm ² , RD	
10	0.60m	Wire, 0.5 mm ² , BK	
9	1	Connector, Molex 8981, female, 4 pins	
8	4	Connector, Crimp ferrule, 0.5 mm ² , OG	
#	Qty	Unit	Description

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Rev	Date	Name	Changelog					Sheet 6 of 10



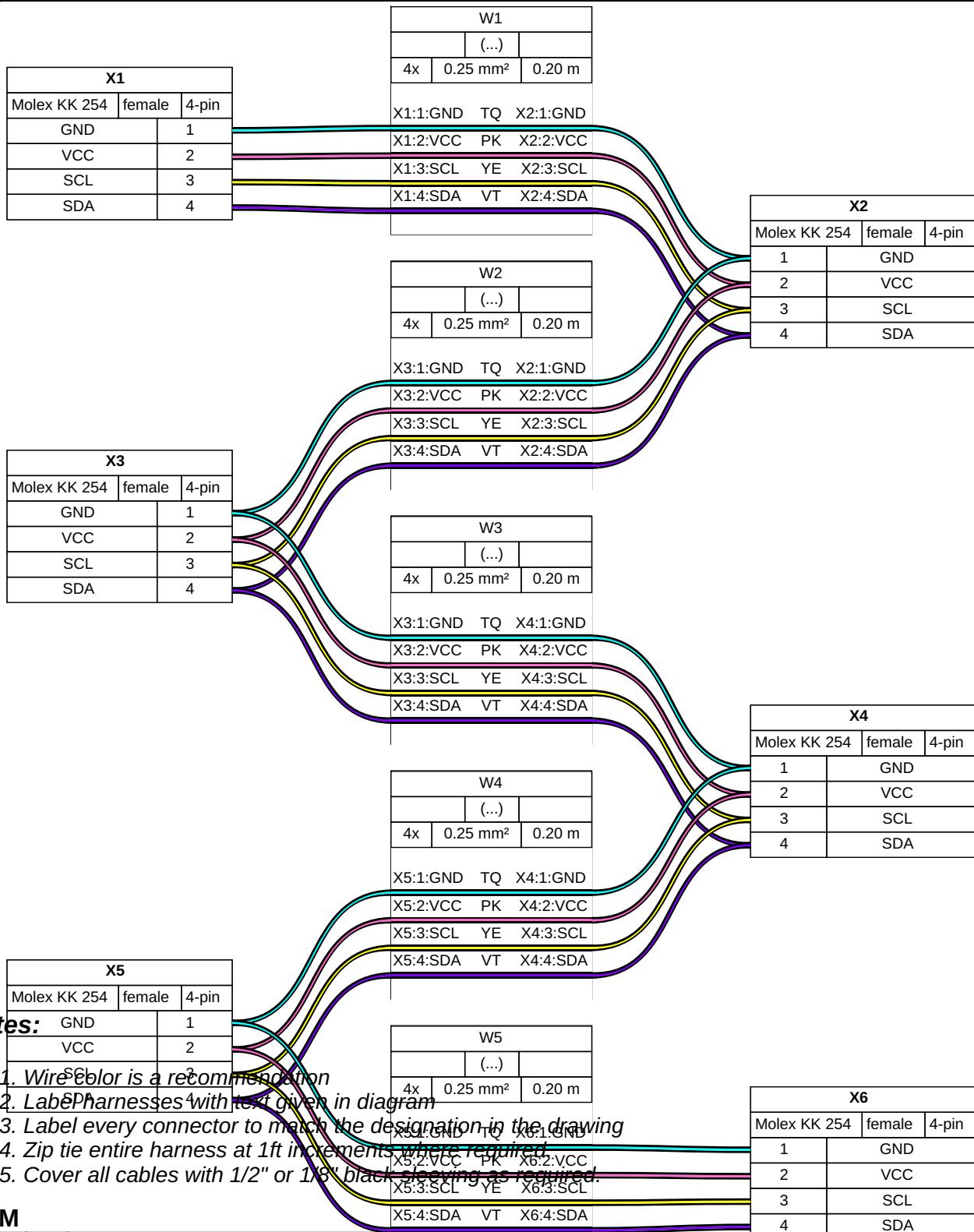
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13	1	Connector, Crimp ferrule, 1.0 mm ² , YE	
12	0.30m	Wire, 0.5 mm ² , YE	
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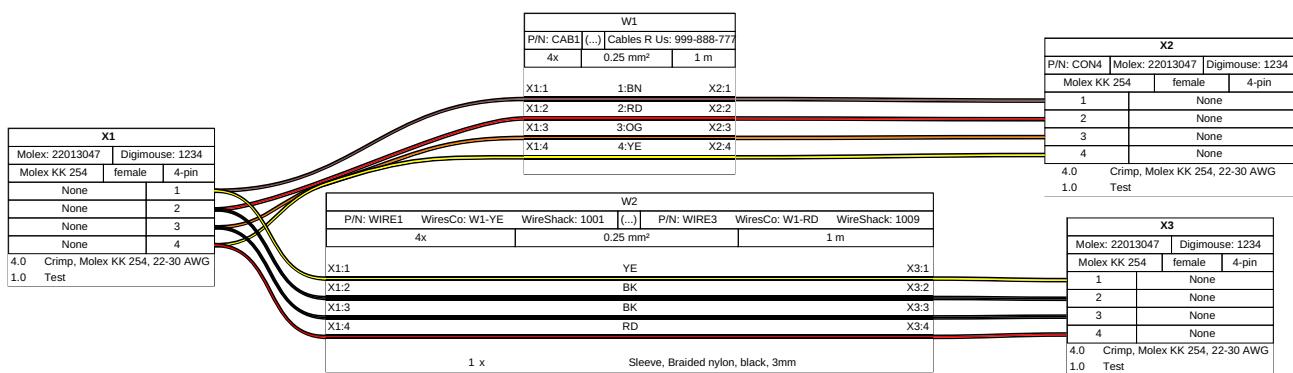
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Rev	Date	Name	Changelog					Sheet 7 of 10



Notes

Item	QTY	Unit	Description
17	1	m	Wire, 0.25 mm ² , YE
16	1	m	Wire, 0.25 mm ² , VT
15	1	m	Wire, 0.25 mm ² , TQ
14	1	m	Wire, 0.25 mm ² , PK
3	6		Connector, Molex KK 254, female, 4 pins
#	Oty	Unit	Description

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Rev	Date	Name	Changelog				Sheet 8 of



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23	1 m	Wire, 0.25 mm ² , YE		WIRE1	WiresCo	W1-YE	WireShack	1001
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18	2	Connector, Molex KK 254, female, 4 pins			Molex	22013047	Digimouse	1234
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Rev	Date	Name	Changelog				REV a	
							Sheet 9 of 9	