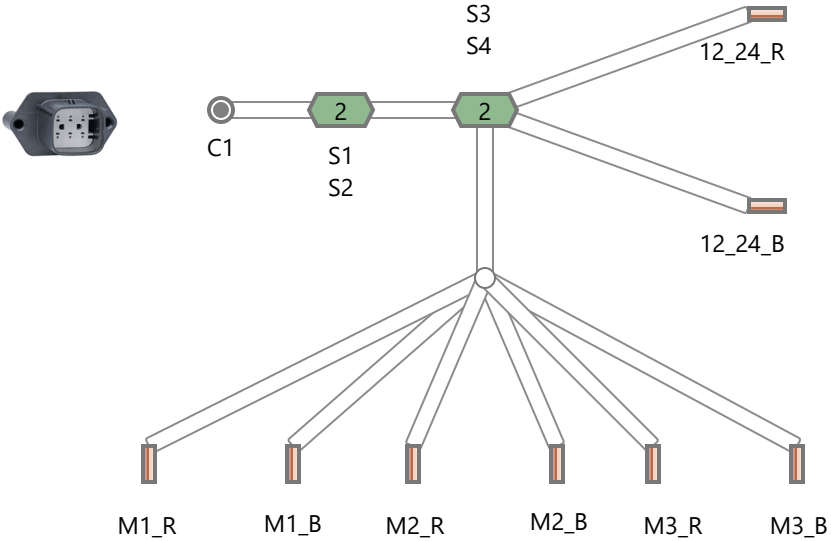


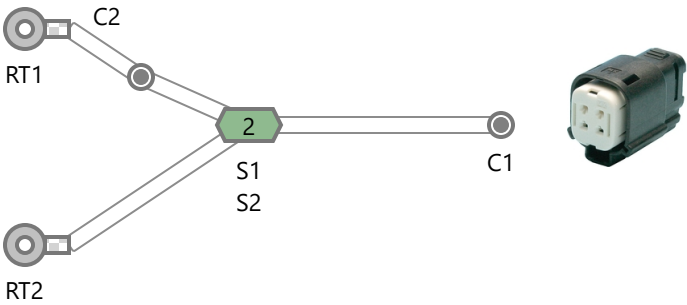
Revisions			
Rev.	Date	Author	Description
A	1/30/2023	Aaditya Khare	

Notes

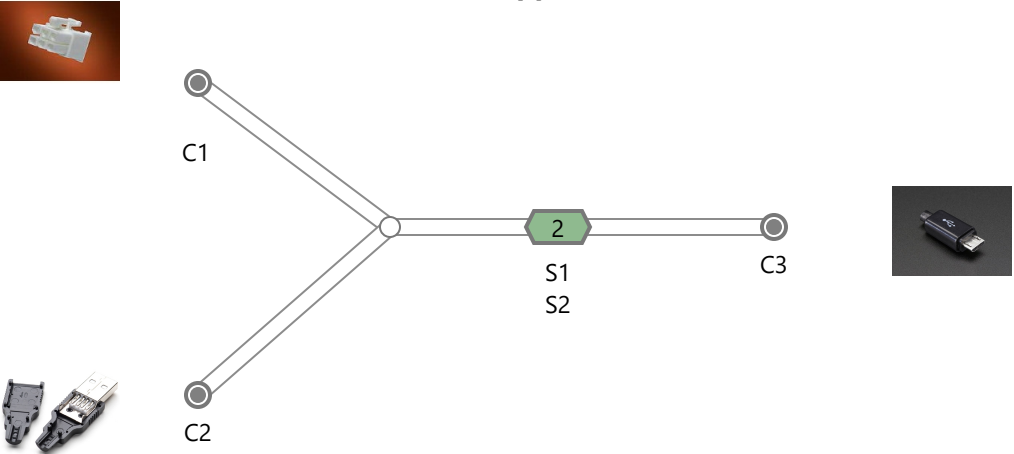
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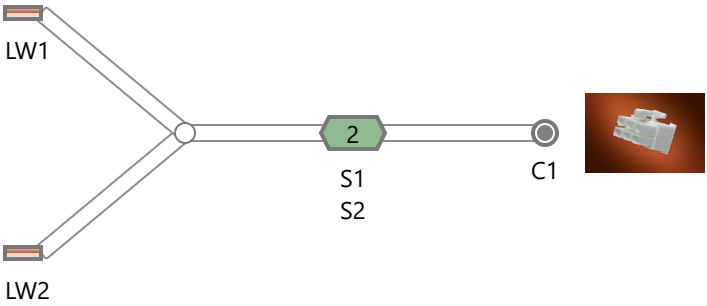
Harness1 [5]



Harness3 [6]




Harness4 [7]



Bill of Materials				
Id	Type	Manufacturer	Part Number	Quantity
2	Harness	Halo.car	000297	1
5	Harness	Halo.car	000296	1
6	Harness	Halo.car	000298	1
7	Harness	Halo.car	000299	1

Title	----	Part Number	PDS Harness
Description	PDS Harness	Revision	----

	Name	Date	 This document contains confidential and proprietary information that cannot be reproduced or divulged, in whole or in part, without written authorization.
Drawn By	----	----	
Eng Approved	----	----	
Mfg Approved	----	----	
QA	----	----	

Title:	----
Part Number:	PDS Harness
Description:	PDS Harness




















































































Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
2	Harness	Halo.car	000297	HARNESS, COMPUTE INTERNALS	1	Harness2
5	Harness	Halo.car	000296	HARNESS, 12V, COMPUTE	1	Harness1
6	Harness	Halo.car	000298	HARNESS, GPS	1	Harness3
7	Harness	Halo.car	000299	HARNESS, 24V, COMPUTE	1	Harness4



















Title:	----
Part Number:	PDS Harness
Description:	PDS Harness

#	Type	Manufacturer	Part Number	Description	Quantity
3	Sleeving	Panduit	SE50PFR-DR0	Cable Accessories Braided Expandable Sleeving Polyethylene Terephthalate Black Reel	2 ft
4	Wire		14 AWG Black	Generic Wire	4.5 ft
5	Wire		14 AWG Red	Generic Wire	4.5 ft
6	Wire		UL1015 10 AWG Black	UL 1015 rated 10 AWG Black PVC Hook-up wire	15.5 ft
7	Wire		UL1015 10 AWG Red	UL 1015 rated 10 AWG Red PVC Hook-up wire	15.5 ft
8	Connector	Molex	19429-0010	MX150L 6 Circuit Panel Mount Plug for 14-22 AWG Wire, Rear Mount Flange Assembly, without Gasket, Black	1
9	Wire		16 AWG Black	Generic Wire	≥ 30 in
10	Wire		16 AWG Red	Generic Wire	≥ 30 in
11	Wire		22 AWG Black	Generic Wire	28 in
12	Wire		22 AWG Red	Generic Wire	28 in
13	Wire		UL1015 12 AWG Black	UL 1015 rated 12 AWG Black PVC Hook-up wire	≥ 12 in
14	Wire		UL1015 12 AWG Red	UL 1015 rated 12 AWG Red PVC Hook-up wire	≥ 12 in
17	Connector	Molex	39012060-P	New Mini Fit Conn Hous	2
20	Connector	Molex	19418-0010	Conn Housing RCP 6 POS 5.84mm Crimp ST Cable Mount Black MX150L™ Bag	1
21	Connector	Optifuse	LPR-03B-10B	Reg. Fuseholder, 40A-10AWG Blk	1
22	Ring Terminal	Molex	19203-0494	Ring Tongue Terminal 10-12AWG 19.92mm 9.76mm Nickel Loose Piece	2
23	Connector	Adafruit Industries	1387	Usb Diy Connector Shell - Type A Male Plug	1
24	Connector	Adafruit Industries	1826	USB DIY Slim Connector Shell - MicroB Plug	1
25	Wire		22 AWG Green	Generic Wire	≥ 16 in
26	Wire		22 AWG White	Generic Wire	≥ 16 in

Title:	----
Part Number:	PDS Harness
Description:	PDS Harness


#	Subsystem	Device / Harness	Endpoint	Signal
1		 Harness1  Harness1  Harness1  Harness1  Harness1	 C1.1  C1.2  C1.3  C2.2  S1	
2		 Harness1  Harness1  Harness1  Harness1  Harness1	 C1.4  C1.5  C1.6  RT2  S2	
3		 Harness1  Harness1	 C2.1  RT1	
4		 Harness2  Harness2  Harness2  Harness2  Harness2  Harness2  Harness2  Harness2	 12_24_B  C1.4  C1.5  C1.6  M1_B  M2_B  M3_B  S2  S4	
5		 Harness2  Harness2  Harness2  Harness2  Harness2  Harness2  Harness2  Harness2  Harness2	 12_24_R  C1.1  C1.2  C1.3  M1_R  M2_R  M3_R  S1  S3	
6		 Harness3  Harness3  Harness3	 C1.1  C3.1  S1	
7		 Harness3  Harness3  Harness3	 C1.2  C3.5  S2	
8		 Harness3  Harness3	 C2.2  C3.2	
9		 Harness3  Harness3	 C2.3  C3.3	
10		 Harness4	 C1.1	

Title:	----
Part Number:	PDS Harness
Description:	PDS Harness

#	Subsystem	Device / Harness	Endpoint	Signal
11		 Harness4	 C1.2	
		 Harness4	 C1.3	
		 Harness4	 LW1	
		 Harness4	 S1	
		 Harness4	 C1.4	
		 Harness4	 C1.5	
		 Harness4	 C1.6	
		 Harness4	 LW2	
		 Harness4	 S2	

Revisions			
Rev.	Date	Author	Description
A	1/30/2023	Aaditya Khare	

Notes

Coverings	
Id	Assembly
[9]	

Bill of Materials				
Id	Type	Manufacturer	Part Number	Quantity
1	Ring Terminal	Molex	19203-0494	2
2	Connector	Molex	19418-0010	1
3	Wire		UL1015 10 AWG Red	14.5 ft
4	Wire		UL1015 10 AWG Black	14.5 ft
5	Wire		14 AWG Red	3 ft
6	Wire		14 AWG Black	3 ft
8	Connector	Optifuse	LPR-03B-10B	1
9	Sleeving	Panduit	SE50PFR-DR0	1 ft

From	To	Conductor	Color	Gauge
S1	C1.1	W3.Red	<div></div>	14 AWG
S1	C1.2	W4.Red	<div></div>	14 AWG
S1	C1.3	W5.Red	<div></div>	14 AWG
S1	C2.2	W9.Red	<div></div>	10 AWG

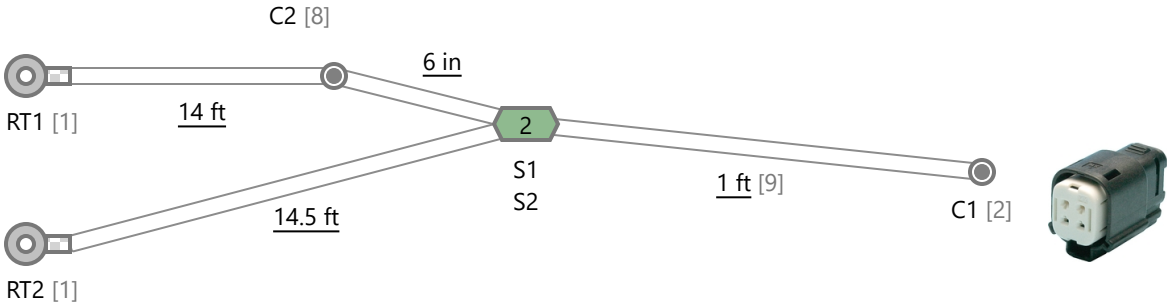
From	To	Conductor	Color	Gauge
RT1	C2.1	W1.Red	<div></div>	10 AWG

From	To	Conductor	Color	Gauge
RT2	S2	W2.Black	<div></div>	10 AWG

From	To	Conductor	Color	Gauge
S2	C1.4	W6.Black	<div></div>	14 AWG
S2	C1.5	W7.Black	<div></div>	14 AWG
S2	C1.6	W8.Black	<div></div>	14 AWG
S2	RT2	W2.Black	<div></div>	10 AWG

From	To	Conductor	Color	Gauge	From Contact PN
C1.1	S1	W3.Red	<div></div>	14 AWG	
C1.2	S1	W4.Red	<div></div>	14 AWG	
C1.3	S1	W5.Red	<div></div>	14 AWG	
C1.4	S2	W6.Black	<div></div>	14 AWG	
C1.5	S2	W7.Black	<div></div>	14 AWG	
C1.6	S2	W8.Black	<div></div>	14 AWG	

From	To	Conductor	Color	Gauge	From Contact PN
C2.1	RT1	W1.Red	<div></div>	10 AWG	
C2.2	S1	W9.Red	<div></div>	10 AWG	












Title:	----
Part Number:	000296
Description:	HARNESS, 12V, COMPUTE

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Ring Terminal	Molex	19203-0494	Ring Tongue Terminal 10-12AWG 19.92mm 9.76mm Nickel Loose Piece	2	RT1, RT2
2	Connector	Molex	19418-0010	Conn Housing RCP 6 POS 5.84mm Crimp ST Cable Mount Black MX150L™ Bag	1	C1
3	Wire		UL1015 10 AWG Red	UL 1015 rated 10 AWG Red PVC Hook-up wire	14.5 ft	W1, W9
4	Wire		UL1015 10 AWG Black	UL 1015 rated 10 AWG Black PVC Hook-up wire	14.5 ft	W2
5	Wire		14 AWG Red	Generic Wire	3 ft	W3, W4, W5
6	Wire		14 AWG Black	Generic Wire	3 ft	W6, W7, W8
8	Connector	Optifuse	LPR-03B-10B	Reg. Fuseholder, 40A-10AWG Blk	1	C2
9	Sleeving	Panduit	SE50PFR-DR0	Cable Accessories Braided Expandable Sleeving Polyethylene Terephthalate Black Reel	1 ft	See Drawing

Title:	----
Part Number:	000296
Description:	HARNES, 12V, COMPUTE

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
RT1	C2.1	 W1.Red	UL1015 10 AWG Red		10 AWG	14 ft		
S1	C1.1	 W3.Red	14 AWG Red		14 AWG	1 ft		
S1	C1.2	 W4.Red	14 AWG Red		14 AWG	1 ft		
S1	C1.3	 W5.Red	14 AWG Red		14 AWG	1 ft		
S1	C2.2	 W9.Red	UL1015 10 AWG Red		10 AWG	6 in		
S2	C1.4	 W6.Black	14 AWG Black		14 AWG	1 ft		
S2	C1.5	 W7.Black	14 AWG Black		14 AWG	1 ft		
S2	C1.6	 W8.Black	14 AWG Black		14 AWG	1 ft		
S2	RT2	 W2.Black	UL1015 10 AWG Black		10 AWG	14.5 ft		

Title:	----
Part Number:	000296
Description:	HARNESS, 12V, COMPUTE

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
1	Wire	W1		UL1015 10 AWG Red	 Red	10 AWG	14 ft	
2	Wire	W2		UL1015 10 AWG Black	 Black	10 AWG	14.5 ft	
3	Wire	W3		14 AWG Red	 Red	14 AWG	1 ft	
4	Wire	W4		14 AWG Red	 Red	14 AWG	1 ft	
5	Wire	W5		14 AWG Red	 Red	14 AWG	1 ft	
6	Wire	W6		14 AWG Black	 Black	14 AWG	1 ft	
7	Wire	W7		14 AWG Black	 Black	14 AWG	1 ft	
8	Wire	W8		14 AWG Black	 Black	14 AWG	1 ft	
9	Wire	W9		UL1015 10 AWG Red	 Red	10 AWG	6 in	

Title:	----
Part Number:	000296
Description:	HARNESS, 12V, COMPUTE



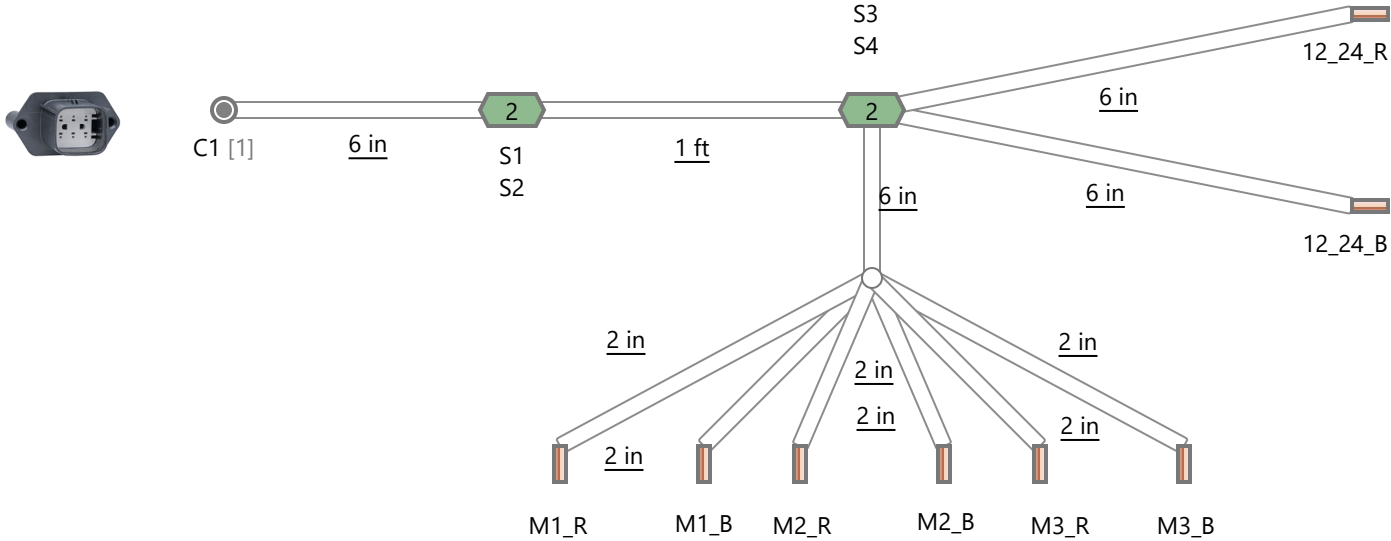
#	Manufacturer	Part Number	Description	Label Text

Revisions			
Rev.	Date	Author	Description
A	1/30/2023	Aaditya Khare	

Notes

Bill of Materials				
Id	Type	Manufacturer	Part Number	Quantity
1	Connector	Molex	19429-0010	1
3	Wire		UL1015 10 AWG Red	1 ft
4	Wire		UL1015 10 AWG Black	1 ft
5	Wire		16 AWG Red	0 in
6	Wire		16 AWG Black	0 in
7	Wire		14 AWG Red	18 in
8	Wire		14 AWG Black	18 in
9	Wire		22 AWG Red	24 in
10	Wire		22 AWG Black	24 in
11	Wire		UL1015 12 AWG Red	6 in
12	Wire		UL1015 12 AWG Black	6 in

From	To	Conductor	Color	Gauge	From Contact PN
C1.1	S1	W9.Red	<div></div>	14 AWG	
C1.2	S1	W10.Red	<div></div>	14 AWG	
C1.3	S1	W11.Red	<div></div>	14 AWG	
C1.4	S2	W12.Black	<div></div>	14 AWG	
C1.5	S2	W13.Black	<div></div>	14 AWG	
C1.6	S2	W14.Black	<div></div>	14 AWG	



From	To	Conductor	Color	Gauge	From	To	Conductor	Color	Gauge	From	To	Conductor	Color	Gaug	From	To	Conductor	Color	Gauge
S1	C1.1	W9.Red	<div></div>	14 AWG	S2	C1.4	W12.Black	<div></div>	14 AWG	S3	12_24_R	W21.Red	<div></div>	12 AWG	S4	12_24_B	W22.Black	<div></div>	12 AWG
S1	C1.2	W10.Red	<div></div>	14 AWG	S2	C1.5	W13.Black	<div></div>	14 AWG	S3	M1_R	W15.Red	<div></div>	22 AWG	S4	M1_B	W18.Black	<div></div>	22 AWG
S1	C1.3	W11.Red	<div></div>	14 AWG	S2	C1.6	W14.Black	<div></div>	14 AWG	S3	M2_R	W16.Red	<div></div>	22 AWG	S4	M2_B	W19.Black	<div></div>	22 AWG
S1	S3	W1.Red	<div></div>	10 AWG	S2	S4	W2.Black	<div></div>	10 AWG	S3	M3_R	W17.Red	<div></div>	22 AWG	S4	M3_B	W20.Black	<div></div>	22 AWG
										S3	S1	W1.Red	<div></div>	10 AWG	S4	S2	W2.Black	<div></div>	10 AWG





From	To	Conductor	Color	Gauge	From	To	Conductor	Color	Gauge	From	To	Conductor	Color	Gauge	From	To	Conductor	Color	Gauge	From	To	Conductor	Color	Gauge	From	To	Conductor	Color	Gauge
M1_R	S3	W15.Red	<div></div>	22 AWG	M1_B	S4	W18.Black	<div></div>	22 AWG	M2_R	S3	W16.Red	<div></div>	22 AWG	M2_B	S4	W19.Black	<div></div>	22 AWG	M3_R	S3	W17.Red	<div></div>	22 AWG	M3_B	S4	W20.Black	<div></div>	22 AWG

From	To	Conductor	Color	Gauge	From	To	Conductor	Color	Gauge
12_24_R	S3	W21.Red	<div></div>	12 AWG	12_24_B	S4	W22.Black	<div></div>	12 AWG























Title:	----
Part Number:	000297
Description:	HARNES, COMPUTE INTERNALS

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Connector	Molex	19429-0010	MX150L 6 Circuit Panel Mount Plug for 14-22 AWG Wire, Rear Mount Flange Assembly, without Gasket, Black	1	C1
3	Wire		UL1015 10 AWG Red	UL 1015 rated 10 AWG Red PVC Hook-up wire	1 ft	W1
4	Wire		UL1015 10 AWG Black	UL 1015 rated 10 AWG Black PVC Hook-up wire	1 ft	W2
5	Wire		16 AWG Red	Generic Wire	0 in	W3, W4, W5
6	Wire		16 AWG Black	Generic Wire	0 in	W6, W7, W8
7	Wire		14 AWG Red	Generic Wire	18 in	W9, W10, W11
8	Wire		14 AWG Black	Generic Wire	18 in	W12, W13, W14
9	Wire		22 AWG Red	Generic Wire	24 in	W15, W16, W17
10	Wire		22 AWG Black	Generic Wire	24 in	W18, W19, W20
11	Wire		UL1015 12 AWG Red	UL 1015 rated 12 AWG Red PVC Hook-up wire	6 in	W21
12	Wire		UL1015 12 AWG Black	UL 1015 rated 12 AWG Black PVC Hook-up wire	6 in	W22

Title:	----
Part Number:	000297
Description:	HARNES, COMPUTE INTERNALS

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
S1	C1.1	 W9.Red	14 AWG Red		14 AWG	6 in		
S1	C1.2	 W10.Red	14 AWG Red		14 AWG	6 in		
S1	C1.3	 W11.Red	14 AWG Red		14 AWG	6 in		
S1	S3	 W1.Red	UL1015 10 AWG Red		10 AWG	1 ft		
S2	C1.4	 W12.Black	14 AWG Black		14 AWG	6 in		
S2	C1.5	 W13.Black	14 AWG Black		14 AWG	6 in		
S2	C1.6	 W14.Black	14 AWG Black		14 AWG	6 in		
S2	S4	 W2.Black	UL1015 10 AWG Black		10 AWG	1 ft		
S3	12_24_R	 W21.Red	UL1015 12 AWG Red		12 AWG	6 in		
S3	M1_R	 W15.Red	22 AWG Red		22 AWG	8 in		
S3	M2_R	 W16.Red	22 AWG Red		22 AWG	8 in		
S3	M3_R	 W17.Red	22 AWG Red		22 AWG	8 in		
S4	12_24_B	 W22.Black	UL1015 12 AWG Black		12 AWG	6 in		
S4	M1_B	 W18.Black	22 AWG Black		22 AWG	8 in		
S4	M2_B	 W19.Black	22 AWG Black		22 AWG	8 in		
S4	M3_B	 W20.Black	22 AWG Black		22 AWG	8 in		

Title:	----
Part Number:	000297
Description:	HARNNESS, COMPUTE INTERNALS

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
1	Wire	W1		UL1015 10 AWG Red	 Red	10 AWG	1 ft	
2	Wire	W2		UL1015 10 AWG Black	 Black	10 AWG	1 ft	
3	Wire	W3		16 AWG Red	 Red	16 AWG	0 in	
4	Wire	W4		16 AWG Red	 Red	16 AWG	0 in	
5	Wire	W5		16 AWG Red	 Red	16 AWG	0 in	
6	Wire	W6		16 AWG Black	 Black	16 AWG	0 in	
7	Wire	W7		16 AWG Black	 Black	16 AWG	0 in	
8	Wire	W8		16 AWG Black	 Black	16 AWG	0 in	
9	Wire	W9		14 AWG Red	 Red	14 AWG	6 in	
10	Wire	W10		14 AWG Red	 Red	14 AWG	6 in	
11	Wire	W11		14 AWG Red	 Red	14 AWG	6 in	
12	Wire	W12		14 AWG Black	 Black	14 AWG	6 in	
13	Wire	W13		14 AWG Black	 Black	14 AWG	6 in	
14	Wire	W14		14 AWG Black	 Black	14 AWG	6 in	
15	Wire	W15		22 AWG Red	 Red	22 AWG	8 in	
16	Wire	W16		22 AWG Red	 Red	22 AWG	8 in	
17	Wire	W17		22 AWG Red	 Red	22 AWG	8 in	
18	Wire	W18		22 AWG Black	 Black	22 AWG	8 in	
19	Wire	W19		22 AWG Black	 Black	22 AWG	8 in	
20	Wire	W20		22 AWG Black	 Black	22 AWG	8 in	
21	Wire	W21		UL1015 12 AWG Red	 Red	12 AWG	6 in	
22	Wire	W22		UL1015 12 AWG Black	 Black	12 AWG	6 in	

Title:	----
Part Number:	000297
Description:	HARNESS, COMPUTE INTERNALS



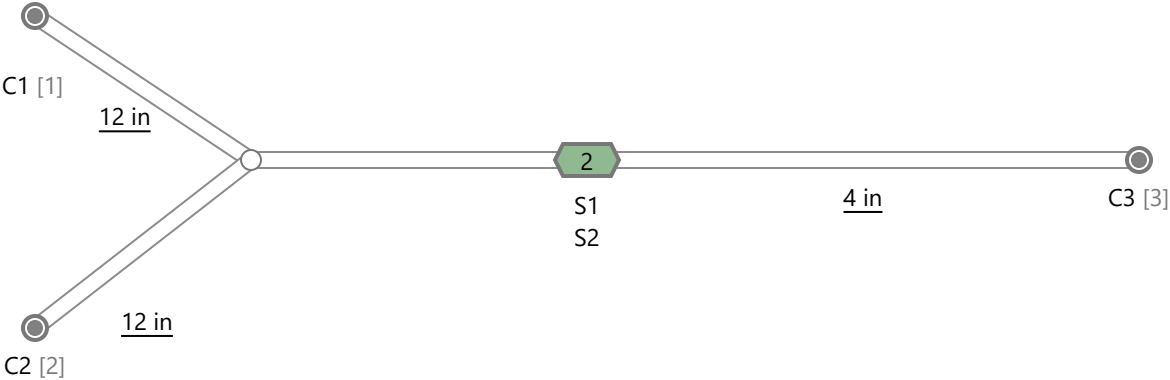
#	Manufacturer	Part Number	Description	Label Text

Revisions			
Rev.	Date	Author	Description
A	1/30/2023	Aaditya Khare	

Notes

Bill of Materials				
Id	Type	Manufacturer	Part Number	Quantity
1	Connector	Molex	39012060-P	1
2	Connector	Adafruit Industries	1387	1
3	Connector	Adafruit Industries	1826	1
4	Wire		22 AWG Red	4 in
5	Wire		22 AWG Black	4 in
6	Wire		22 AWG White	≥ 16 in
7	Wire		22 AWG Green	≥ 16 in
8	Wire		16 AWG Red	≥ 12 in
9	Wire		16 AWG Black	≥ 12 in

From	To	Conductor	Color	Gauge	From Contact PN
C1.1	S1	W5.Red		16 AWG	
C1.2	S2	W6.Black		16 AWG	



From	To	Conductor	Color	Gauge	From Contact PN
C3.1	S1	W1.Red		22 AWG	
C3.2	C2.2	W3.White		22 AWG	
C3.3	C2.3	W4.Green		22 AWG	
C3.5	S2	W2.Black		22 AWG	


From	To	Conductor	Color	Gauge	From Contact PN
C2.2	C3.2	W3.White		22 AWG	
C2.3	C3.3	W4.Green		22 AWG	

From	To	Conductor	Color	Gauge	From	To	Conductor	Color	Gauge
S1	C1.1	W5.Red		16 AWG	S2	C1.2	W6.Black		16 AWG
S1	C3.1	W1.Red		22 AWG	S2	C3.5	W2.Black		22 AWG







Title:	----
Part Number:	000298
Description:	HARNESS, GPS

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Connector	Molex	39012060-P	New Mini Fit Conn Hous	1	C1
2	Connector	Adafruit Industries	1387	Usb Diy Connector Shell - Type A Male Plug	1	C2
3	Connector	Adafruit Industries	1826	USB DIY Slim Connector Shell - MicroB Plug	1	C3
4	Wire		22 AWG Red	Generic Wire	4 in	W1
5	Wire		22 AWG Black	Generic Wire	4 in	W2
6	Wire		22 AWG White	Generic Wire	≥ 16 in	W3
7	Wire		22 AWG Green	Generic Wire	≥ 16 in	W4
8	Wire		16 AWG Red	Generic Wire	≥ 12 in	W5
9	Wire		16 AWG Black	Generic Wire	≥ 12 in	W6

Title:	----
Part Number:	000298
Description:	HARNES, GPS

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
C1.1	S1	 W5.Red	16 AWG Red		16 AWG	≥ 12 in		
C1.2	S2	 W6.Black	16 AWG Black		16 AWG	≥ 12 in		
C3.1	S1	 W1.Red	22 AWG Red		22 AWG	4 in		
C3.2	C2.2	 W3.White	22 AWG White		22 AWG	≥ 16 in		
C3.3	C2.3	 W4.Green	22 AWG Green		22 AWG	≥ 16 in		
C3.5	S2	 W2.Black	22 AWG Black		22 AWG	4 in		

Title:	----
Part Number:	000298
Description:	HARNESS, GPS

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
1	Wire	W1		22 AWG Red	 Red	22 AWG	4 in	
2	Wire	W2		22 AWG Black	 Black	22 AWG	4 in	
3	Wire	W3		22 AWG White	 White	22 AWG	≥ 16 in	
4	Wire	W4		22 AWG Green	 Green	22 AWG	≥ 16 in	
5	Wire	W5		16 AWG Red	 Red	16 AWG	≥ 12 in	
6	Wire	W6		16 AWG Black	 Black	16 AWG	≥ 12 in	


Title:	----
Part Number:	000298
Description:	HARNESS, GPS




#	Manufacturer	Part Number	Description	Label Text


Revisions			
Rev.	Date	Author	Description
A	1/30/2023	Aaditya Khare	

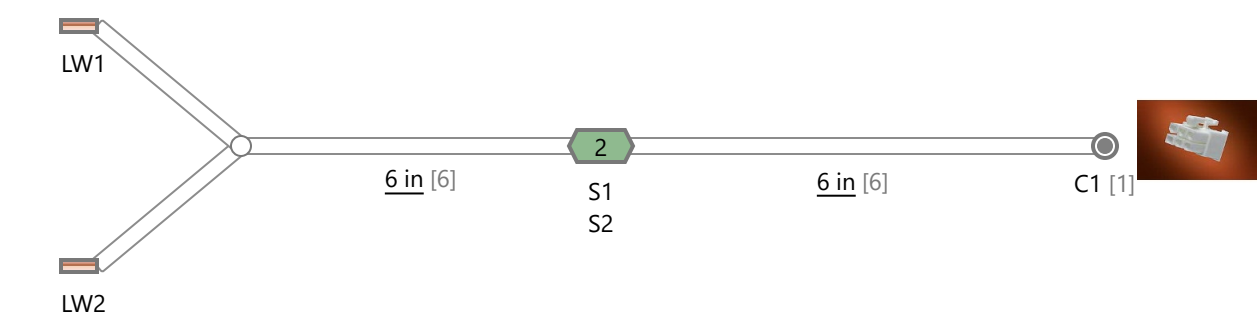
Notes





Coverings	
Id	Assembly
[6]	





Bill of Materials				
Id	Type	Manufacturer	Part Number	Quantity
1	Connector	Molex	39012060-P	1
2	Wire		UL1015 12 AWG Red	≥ 6 in
3	Wire		UL1015 12 AWG Black	≥ 6 in
4	Wire		16 AWG Red	18 in
5	Wire		16 AWG Black	18 in
6	Sleeving	Panduit	SE50PFR-DR0	12 in







From	To	Conductor	Color	Gauge
LW1	S1	W1.Red		12 AWG

From	To	Conductor	Color	Gauge
LW2	S2	W2.Black		12 AWG




From	To	Conductor	Color	Gauge
S1	C1.1	W3.Red		16 AWG
S1	C1.2	W4.Red		16 AWG
S1	C1.3	W5.Red		16 AWG
S1	LW1	W1.Red		12 AWG

From	To	Conductor	Color	Gauge
S2	C1.4	W6.Black		16 AWG
S2	C1.5	W7.Black		16 AWG
S2	C1.6	W8.Black		16 AWG
S2	LW2	W2.Black		12 AWG

From	To	Conductor	Color	Gauge	From Contact PN
C1.1	S1	W3.Red		16 AWG	
C1.2	S1	W4.Red		16 AWG	
C1.3	S1	W5.Red		16 AWG	
C1.4	S2	W6.Black		16 AWG	
C1.5	S2	W7.Black		16 AWG	
C1.6	S2	W8.Black		16 AWG	

Title	----	Part Number	000299	
Description	HARNESS, 24V, COMPUTE		Revision	----

	Name	Date	 This document contains confidential and proprietary information that cannot be reproduced or divulged, in whole or in part, without written authorization.
Drawn By	----	----	
Eng Approved	----	----	
Mfg Approved	----	----	
QA	----	----	









Title:	----
Part Number:	000299
Description:	HARNES, 24V, COMPUTE

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Connector	Molex	39012060-P	New Mini Fit Conn Hous	1	C1
2	Wire		UL1015 12 AWG Red	UL 1015 rated 12 AWG Red PVC Hook-up wire	≥ 6 in	W1
3	Wire		UL1015 12 AWG Black	UL 1015 rated 12 AWG Black PVC Hook-up wire	≥ 6 in	W2
4	Wire		16 AWG Red	Generic Wire	18 in	W3, W4, W5
5	Wire		16 AWG Black	Generic Wire	18 in	W6, W7, W8
6	Sleeving	Panduit	SE50PFR-DR0	Cable Accessories Braided Expandable Sleeving Polyethylene Terephthalate Black Reel	12 in	See Drawing

Title:	----
Part Number:	000299
Description:	HARNESS, 24V, COMPUTE

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
C1.1	S1	 W3.Red	16 AWG Red		16 AWG	6 in		
C1.2	S1	 W4.Red	16 AWG Red		16 AWG	6 in		
C1.3	S1	 W5.Red	16 AWG Red		16 AWG	6 in		
C1.4	S2	 W6.Black	16 AWG Black		16 AWG	6 in		
C1.5	S2	 W7.Black	16 AWG Black		16 AWG	6 in		
C1.6	S2	 W8.Black	16 AWG Black		16 AWG	6 in		
LW1	S1	 W1.Red	UL1015 12 AWG Red		12 AWG	≥ 6 in		
LW2	S2	 W2.Black	UL1015 12 AWG Black		12 AWG	≥ 6 in		

Title:	----
Part Number:	000299
Description:	HARNESS, 24V, COMPUTE

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
1	Wire	W1		UL1015 12 AWG Red	 Red	12 AWG	≥ 6 in	
2	Wire	W2		UL1015 12 AWG Black	 Black	12 AWG	≥ 6 in	
3	Wire	W3		16 AWG Red	 Red	16 AWG	6 in	
4	Wire	W4		16 AWG Red	 Red	16 AWG	6 in	
5	Wire	W5		16 AWG Red	 Red	16 AWG	6 in	
6	Wire	W6		16 AWG Black	 Black	16 AWG	6 in	
7	Wire	W7		16 AWG Black	 Black	16 AWG	6 in	
8	Wire	W8		16 AWG Black	 Black	16 AWG	6 in	

Title:	----
Part Number:	000299
Description:	HARNESS, 24V, COMPUTE



#	Manufacturer	Part Number	Description	Label Text