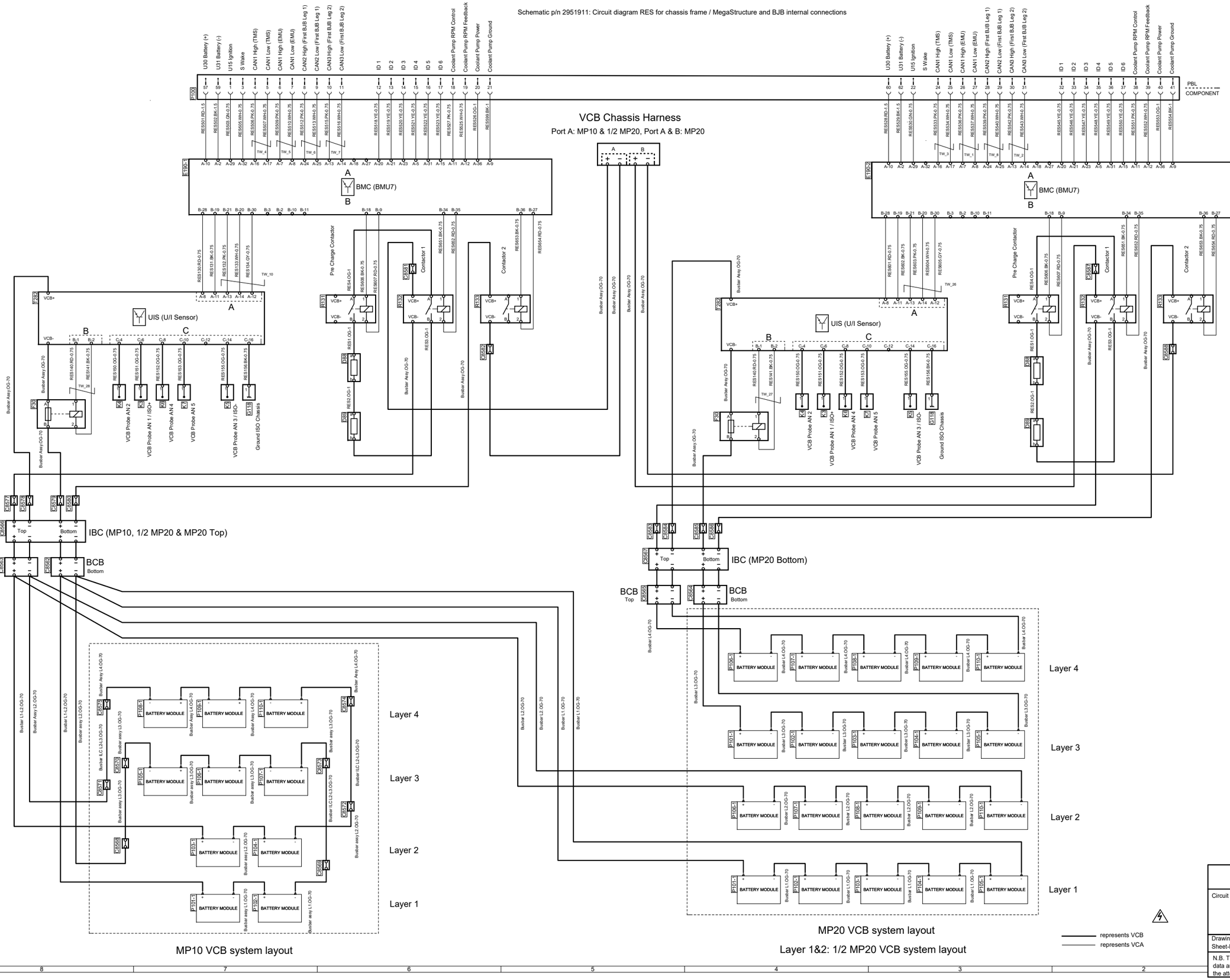
MP10 BJB Cluster & MP20 BJB Upper Cluster

MP20 BJB Lower Cluster

Schematic p/n 2951911: Circuit diagram RES for chassis frame / MegaStructure and BJB internal connections

VCB Chassis Harness

Port A: MP10 & 1/2 MP20, Port A & B: MP20



Cable designation

AWD35 . OG - 1

Cable marking

Cable colour (Orange)

Conductor area (mm²)

Colour code of electric cables	
Code	Colour
BK	Black
BN	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VT	Violet
GY	Grey
WH	White
PK	Pink

Des.	Pos.	Description
C8562	C 8	Junction block, BCB 1
C8563	C 8	Junction block, BCB 2
C8564	C 4	Junction block, BCB 3
C8565	C 5	Junction block, BCB 4
C8566	C 8	Joint connector, IBC 1
C8567	C 4	Joint connector, IBC 2
C8568	A 8	Joint connector, Busbar 1
C8569	A 6	Joint connector, Busbar 2
C8570	B 8	Joint connector, Busbar 3
C8571	B 8	Joint connector, Busbar 4
C8572	A 6	Joint connector, Busbar 5
C8573	B 6	Joint connector, Busbar 6
C8574	B 6	Joint connector, Busbar 7
C8575	B 8	Joint connector, Busbar 8
C8577	C 8	Joint connector, Busbar 9
C8578	C 8	Joint connector, Busbar 10
C8579	C 8	Joint connector, Busbar 11
C8580	C 8	Joint connector, Busbar 12
C8581	E 6	Joint connector, Busbar 13
C8582	D 6	Joint connector, Busbar 14
C8583	C 5	Joint connector, Busbar 15
C8584	C 5	Joint connector, Busbar 16
C8585	C 4	Joint connector, Busbar 17
C8586	C 4	Joint connector, Busbar 18
C8587	E 2	Joint connector, Busbar 19
C8588	D 2	Joint connector, Busbar 20
D88	D 6	Resistor
D89	D 6	Resistor
E190-1	E 5	Control unit, battery pack
E190-2	E 2	Control unit, battery pack
F30	D 4	Fuse, pyro
G118	D 7	Ground
K3	D 7	Probe, UI, 1
K4	D 8	Probe, UI, 2
K5	D 7	Probe, UI, 3
K6	D 7	Probe, UI, 4
K7	D 7	Probe, UI, 5
P100	F 7	Battery pack
P101-1	B 4	Battery module, 1
P102-1	B 4	Battery module, 2
P103-1	B 3	Battery module, 3
P104-1	B 3	Battery module, 4
P105-1	B 3	Battery module, 5
P106-1	B 4	Battery module, 6
P107-1	B 4	Battery module, 7
P108-1	B 3	Battery module, 8
P109-1	B 3	Battery module, 9
P110-1	B 3	Battery module, 10
R131	D 2	Contactor, precharge
R132	D 2	Contactor, 1
R133	D 2	Contactor, 2
T282	D 7	Sensor, UI

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Circuit Diagram:

RES CBP Component

Drawing No.- 2951911-2-8

Sheet-Rev:

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