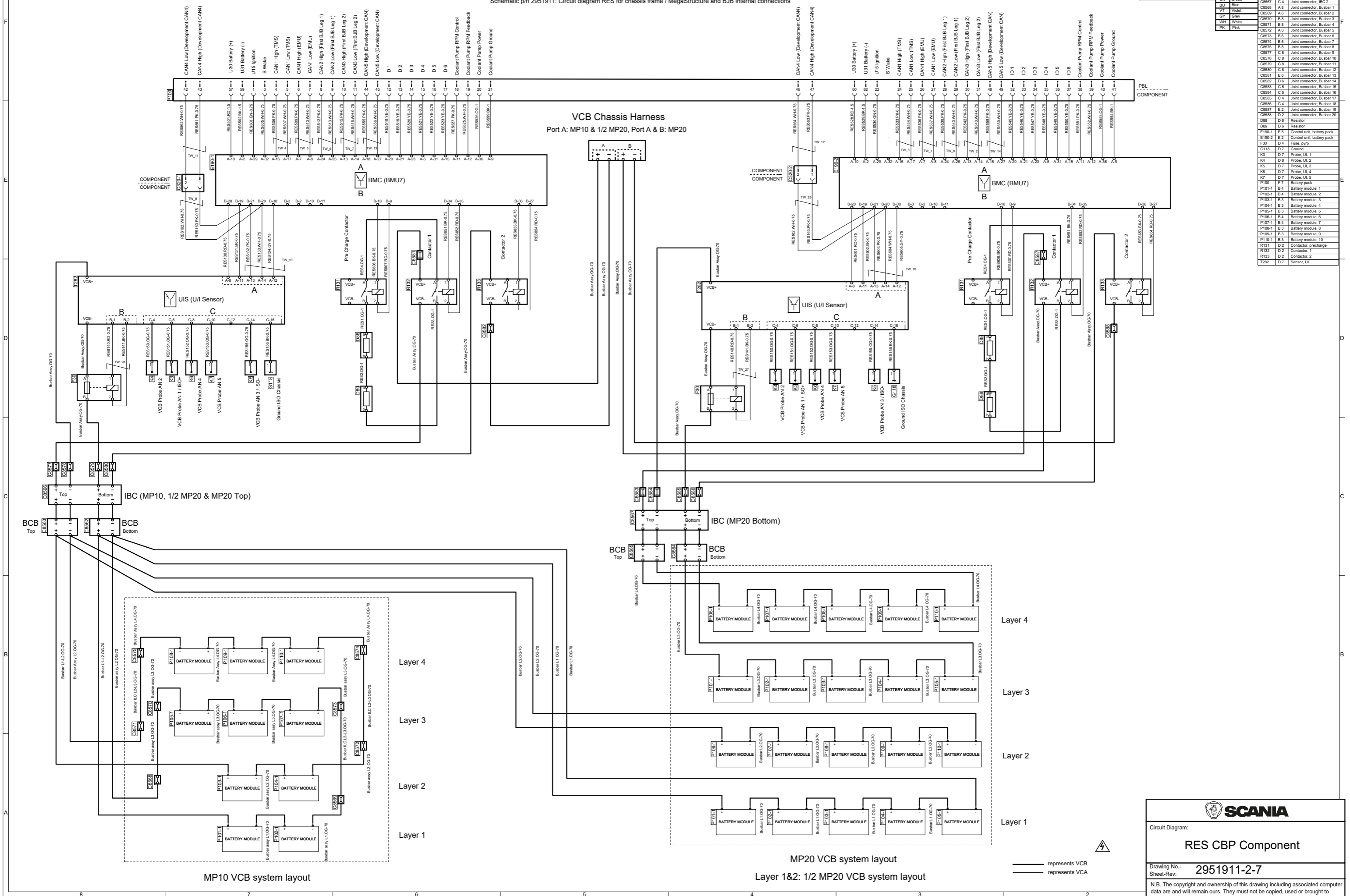


MP10 BJB Cluster & MP20 BJB Upper Cluster

MP20 BJB Lower Cluster

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

Code	Colour	Des.	Pos.	Description
C320-1	E7	Joint connector, CAN		
C320-2	F4	Joint connector, CAN		
CBK	Black	Joint connector, BCB 1		
CBK	Black	Joint connector, BCB 2		
CBK	Black	Joint connector, BCB 3		
CBK	Black	Joint connector, BCB 4		
CBK	Black	Joint connector, BCB 5		
CBK	Black	Joint connector, BCB 6		
CBK	Black	Joint connector, BCB 7		
CBK	Black	Joint connector, BCB 8		
CBK	Black	Joint connector, BCB 9		
CBK	Black	Joint connector, BCB 10		
CBK	Black	Joint connector, BCB 11		
CBK	Black	Joint connector, BCB 12		
CBK	Black	Joint connector, BCB 13		
CBK	Black	Joint connector, BCB 14		
CBK	Black	Joint connector, BCB 15		
CBK	Black	Joint connector, BCB 16		
CBK	Black	Joint connector, BCB 17		
CBK	Black	Joint connector, BCB 18		
CBK	Black	Joint connector, BCB 19		
CBK	Black	Joint connector, BCB 20		
D88	D8	Resistor		
D88	D8	Resistor		
D88	D8	Resistor		
E190-1	E9	Control unit, battery pack		
E190-2	E2	Control unit, battery pack		
F30	D4	Fuse, pyro		
G118	D7	Ground		
K3	D7	Probe, UI, 1		
K4	D8	Probe, UI, 2		
K5	D7	Probe, UI, 3		
K6	D7	Probe, UI, 4		
K7	D7	Probe, UI, 5		
P100	F7	Battery pack		
P101-1	B4	Battery module, 1		
P102-1	B4	Battery module, 2		
P103-1	B3	Battery module, 3		
P104-1	B3	Battery module, 4		
P105-1	B3	Battery module, 5		
P106-1	B4	Battery module, 6		
P107-1	B4	Battery module, 7		
P108-1	B3	Battery module, 8		
P109-1	B3	Battery module, 9		
P110-1	B3	Battery module, 10		
R131	D2	Contactor, precharge		
R132	D2	Contactor, 1		
R133	D2	Contactor, 2		
T282	D7	Sensor, LI		



MP10 VCB system layout

MP20 VCB system layout
Layer 1&2: 1/2 MP20 VCB system layout

— represents VCB
— represents VCA

SCANIA

Circuit Diagram: RES CBP Component

Drawing No.: 2951911-2-7
Sheet-Rev:

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