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Document title : Electrical function schematic for charging

Code: Designation: Position:

1	Pressure sensor downstream of air filter, signal	8G
10	Charge air cooler circulation pump, actuation	13J
10	Charge air cooler circulation pump, actuation	11F
2	Boost pressure, signal	6H
3	Intake manifold pressure, signal	4H
4	Accelerator pedal sensor, signal	4F
5	Engine speed, signal	4E
6	Boost pressure control pressure transducer, actuation	6C
7	Charge air temperature sensor, signal	7E
8	Circuit 87, status	7E
9	Engine running, signal	12F
B17/8	Charge air temperature sensor	8C
B28/4	Pressure sensor downstream air filter, left cylinder bank	9K
B28/5	Pressure sensor downstream of air filter	9K
B28/6	Pressure sensor upstream of throttle valve	5L
B28/7	Pressure sensor downstream of throttle valve	2K
B37	Accelerator pedal sensor	1G
B70	Crankshaft Hall sensor	2B
CAN C	Engine CAN	10F
K40/8	Engine fuse and relay module	14B
K40/8kN	Circuit 87M relay	11C
LIN C3	Drivetrain LIN	13H
M43/6	Low temperature circuit circulation pump 1	13J
N127	Drivetrain control unit	13F
N3/10	ME-SFI [ME] control unit	6F
U1032	Valid for engine 278 and 157	4F
U391	Valid for gasoline engine 276.8	4E
Y77/1	Boost pressure control pressure transducer	5A

