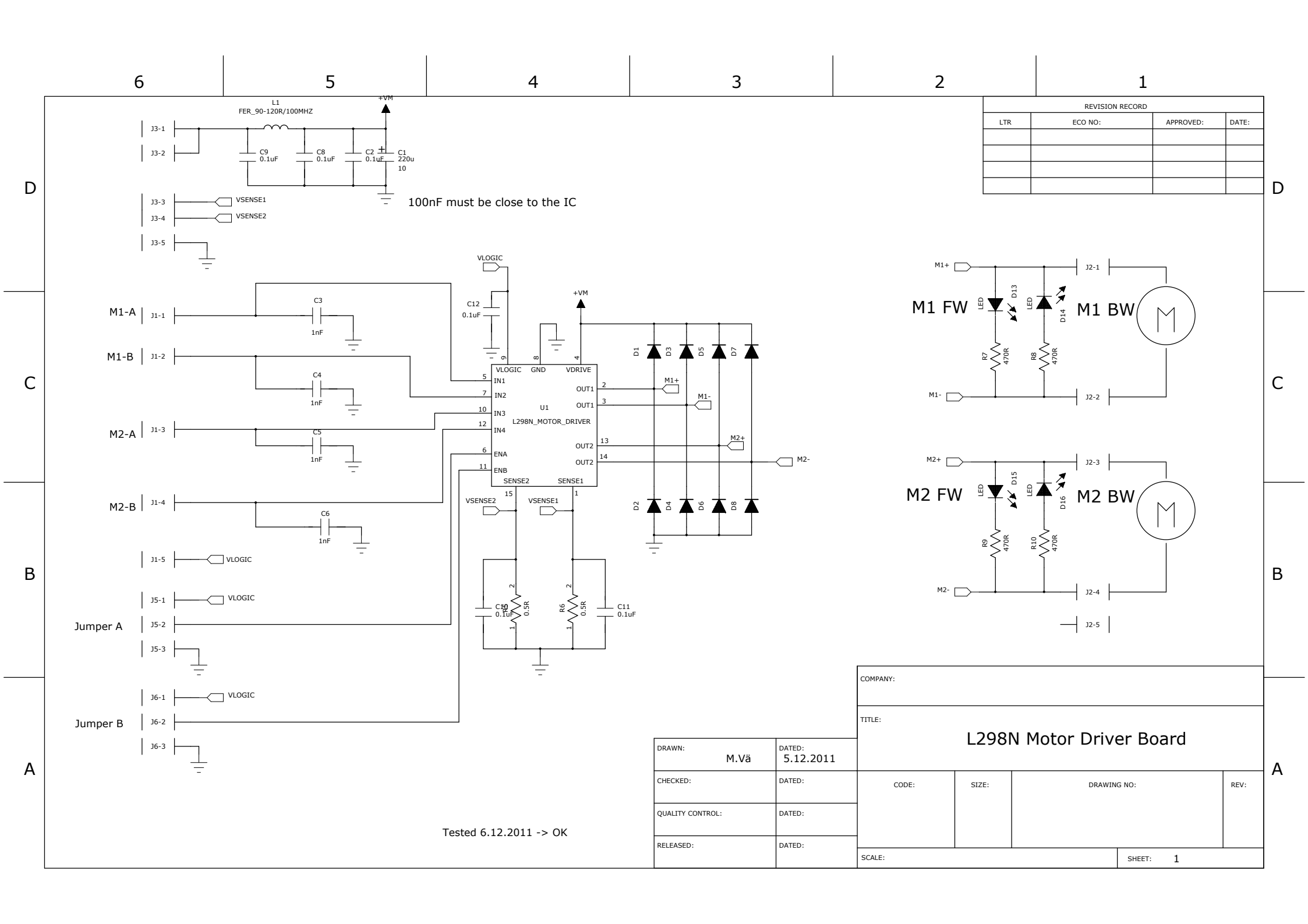
6
5
4
3
2
1
D
C
B
A
REVISION RECORD
LTR
ECO NO:
APPROVED:
DATE:
L1
FER_90-120R/100MHZ
+VM
J3-1
J3-2
C9
0.1uF
C8
0.1uF
C2
0.1uF
C1
220u
10
J3-3
J3-4
J3-5
VSENSE1
VSENSE2
100nF must be close to the IC
VLOGIC
C12
0.1uF
M1-A
M1-B
M2-A
M2-B
J1-1
J1-2
J1-3
J1-4
C3
C4
C5
C6
1nF
U1
L298N_MOTOR_DRIVER
VLOGIC
GND
VDRIVE
IN1
IN2
IN3
IN4
ENA
ENB
OUT1
OUT2
SENSE2
SENSE1
M1+
M1-
M2+
M2-
D1
D2
D3
D4
D5
D6
D7
D8
R6
R7
R8
0.5R
470R
C10
C11
J1-5
J5-1
J5-2
J5-3
Jumper A
J6-1
J6-2
J6-3
Jumper B
M1 FW
M1 BW
M2 FW
M2 BW
LED
D13
D14
D15
D16
R9
R10
J2-1
J2-2
J2-3
J2-4
J2-5
Tested 6.12.2011 -> OK
DRAWN:
M.Vä
DATED:
5.12.2011
CHECKED:
DATED:
QUALITY CONTROL:
DATED:
RELEASED:
DATED:
COMPANY:
TITLE:
L298N Motor Driver Board
CODE:
SIZE:
DRAWING NO:
REV:
SCALE:
SHEET:
1