VCC

V1
12

VCC

GND

U1
Teensy4.1

1	GND	(3.6v to 5.5v) VIN	48
2	0_PWM_RX1_CRX2_CS1	GND	47
3	1_PWM_TX1_CTX2_MISO1	(250mA max) 3V3	46
4	2_PWM_OUT2	23_PWM_A9_CRX1_MCLK1	45
5	3_PWM_LRCLK2	22_PWM_A8_CTX1	44
6	4_PWM_BCLK2	21_A7_RX5_BCLK1	43
7	5_PWM_IN2	20_A6_TX5_LRCLK1	42
8	6_PWM_OUT1D	19_PWM_A5_SCL0	41
9	7_PWM_RX2_OUT1A	18_PWM_A4_SDA0	40
10	8_PWM_TX2_IN1	17_A3_TX4_SDA1	39
11	9_PWM_OUT1C	16_A2_RX4_SCL1	38
12	10_PWM_CS_MQSR 15_PWM_A1_RX3_SPDIF<		37
13	11_PWM_MOSI_CTX114_PWM_A0_TX3_SPDIF>		36
14	12_PWM_MISO_MQSL 13_PWM_SCK_CRX1_LED		35
15	3V3	GND	34
16	24_PWM_A10_TX6_SCL2	41_A1_MIS01	33
17	25_PWM_A11_RX6_SDA2	40_A16_CS1	32
18	26_A12_MOSI1	39_DAT2_TX5	31
19	27_A13_SCK1	38_DAT3_RX5	30
20	28_PWM_RX7	37_PWM_CMD_SCK2	29
21	29_PWM_TX7	36_PWM_CLK_CS2	28
22	30_CRX3	35_DAT0_MOSI2	27
23	31_CTX3	34_DAT1_MISO2	26
24	32_OUT1B	33_PWM_MCLK2	25

L298n Module

1	Vss In
1	GND
1	5V Out

5v Enable
| 1 |
| 2 |

1	5V Out
1	1 Enable
2	1 Vorw.
3	1 Backw.
4	2 Vorw.
5	2 Backw.
6	2 Enable
1	5V Out

Out 2
| 1 |
| 2 |

| 2 |
| 1 |

U2
GENERIC_DC_MOTOR_WITH_ENCODER

Gnd +5V VCC Encoder A Encoder B

Out 1