

10647C

CON1  
FOR 5VLED4  
REV

S1

RESET

R1

10K

CON2 FOR FS1

R2

10K

CON3 FOR FS2

R3

10K

CON4 FOR FS3

R4

10K

FS1- FS4 = FLEX SENSOR

CON5 FOR FS4

LED3

RIGHT

LED2

LEFT

10K

220E

220E

220E

220E

R5

R9

R8

R7

R6

M2

M1

LED1  
FWD

CON6

FOR 12V

IC2  
L293D

M3

M4

M1-M4 = 12V DC MOTOR

IC1  
ATMEGA32

VR1 1K

J1-J4 = JUMPER

J1

J2

LCD1 16X2 LCD

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

R10  
220E