

AUTO REVERSE MODULE - DIY

R1, R5	47k	2
R2, R6	4k7	2
R3,9,10,12,13	10k	5
R4	2k2	1
R7, R8	0R33/2W	2
R11, R14	100k	2
R15	1k	1
R16	10R	1
C1	100u/35V	1
C2	1000u/35V	1
C3	2u2/10V tantal	1
IC socket	SOKL08	2
X1, X2	DG306-5.0-2P11	2
IC1	PIC12F509	1
IC2	7805	1
IC3	ILD74	1
Q1, Q2, Q3, Q4	BC547	4
Q5, Q6, Q7, Q8	IRF540N	4
Q9, Q10	BC556	2
D1, D2, D3	1N4007	3
D4, D5, D6, D7	1N4148	4
LED	3mm	1
K1	RT424012	1
X1	Input (DCC)	
X2	Output (loop)	

Install 3 wire bridges at firts (red lines on picture). Be on mind the IC sockets orientation!



