

Partlist exported from C:/Program Files/EAGLE-4.16/projects/CardStepper/L298  
\_gen\_card2007.sch at 23/05/2007 22:48:21

Part	Value	Device	Package	Description
C1	3.3nF	CAPNP-5	C-5	
C2	100nF	CAPNP-5	C-5	
C3	10nF	CAPNP-5	C-5	
C4	20nF	CAPNP-5	C-5	
C5	300µF, 12V	ELC-5	ES-5	
C6	100nF	CAPNP-5	C-5	
C10	100nF	CAPNP-5	C-5	
C12	470µF	ELC-5L	ES-5L	
C15	100nF	CAPNP-5	C-5	
C21	100nF	CAPNP-5	C-5	
C24	10nF	CAPNP-5	C-5	
D1	BYV27	BYV27	SOD57-10	DIODE
D2	BYV27	BYV27	SOD57-10	DIODE
D3	BYW29-100	BYW29	DO220S	DIODE
D4	BYV27	BYV27	SOD57-10	DIODE
D5	BYV27	BYV27	SOD57-10	DIODE
D6	1N4148	DIODE-7,5	D-7,5	
D8	BYV27	BYV27	SOD57-10	DIODE
D9	BYV27	BYV27	SOD57-10	DIODE
D10	BYV27	BYV27	SOD57-10	DIODE
D11	BYV27	BYV27	SOD57-10	DIODE
D12	11DQ06	SCHOTTKY-DIODEF126Z12	F126Z12	Schottky Diode
F1		TE5	TE5	FUSE
IC1	NE555N	NE555N	DIL08	TIMER
IC2	L297	L297	DIL20	STEPPER MOTOR CONTROLLER
IC3	L298	L298	MULTIWATT-15	DUAL FULL-BRIDGE DRIVER
J1		MTA05-100	10X05MTA	AMP connector
J2		MTA04-100	10X04MTA	AMP connector
JP1		JP1E	JP1	JUMPER
JP2		JP1E	JP1	JUMPER
JP3		JP2EROUND	JP2R	JUMPER
JP4		JP1E	JP1	JUMPER
L1	100µH	BS75	BS75	INDUCTOR
LM2575-5		LM2596TV	TO220-51	STEP-DOWN VOLTAGE REGULATOR
R1	22k	RESEU-7,5-10	R-10	
R2	10k	RESEU-10	R-10	
R3	2k, 1%	RESEU-10	R-10	
R4	1k, 1%	RESEU-10	R-10	
R5	330	RESEU-7,5-10	R-10	
R7	50k	RESEU-7,5-10	R-10	
R9	10k	PC16S	PC16S	POTENTIOMETER
R30	1k5	TRIM_EU-S64W	S64W	POTENTIOMETER
R40	1k5, 1%	RESEU-7,5-10	R-10	
R44	4.7k	RESEU-7,5-10	R-10	
R101	1-1/2W	RESEU-10	R-10	
R102	1-1/2W	RESEU-10	R-10	
R103	1-1/2W	RESEU-10	R-10	
R105	1-1/2W	RESEU-10	R-10	
R106	1-1/2w	RESEU-10	R-10	
R107	1-1/2w	RESEU-10	R-10	
X1		AK500/2	AK500/2	CONNECTOR