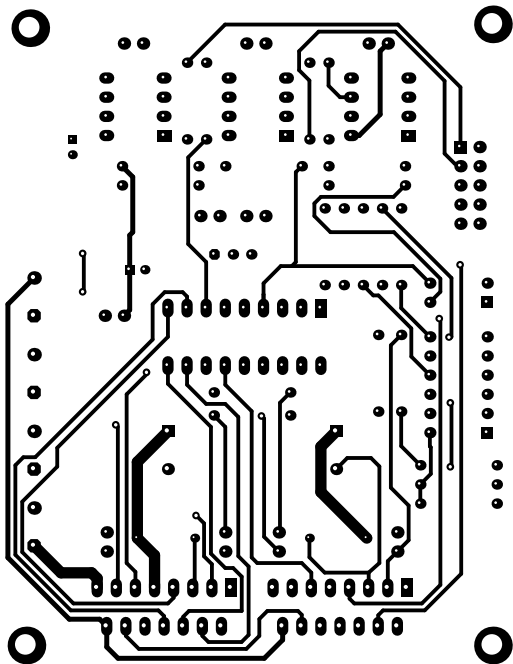
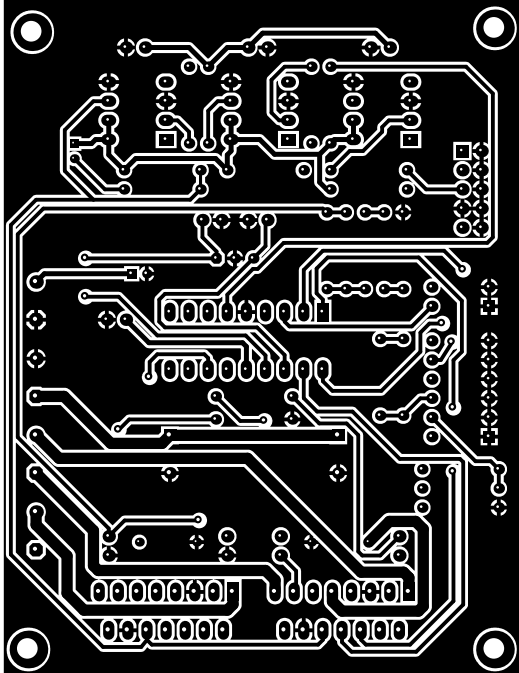
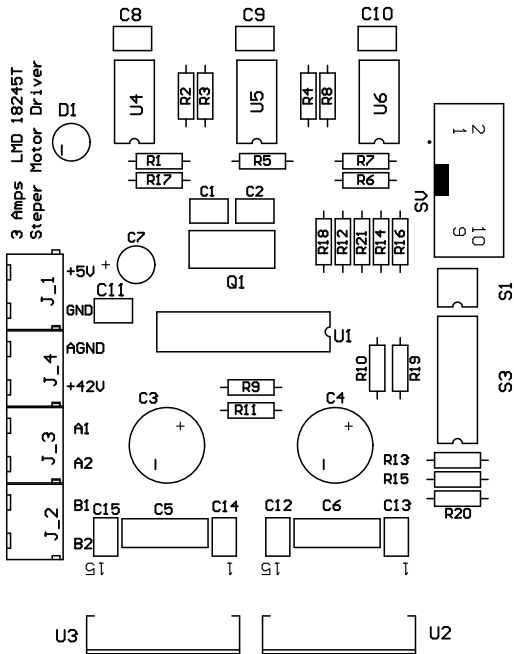
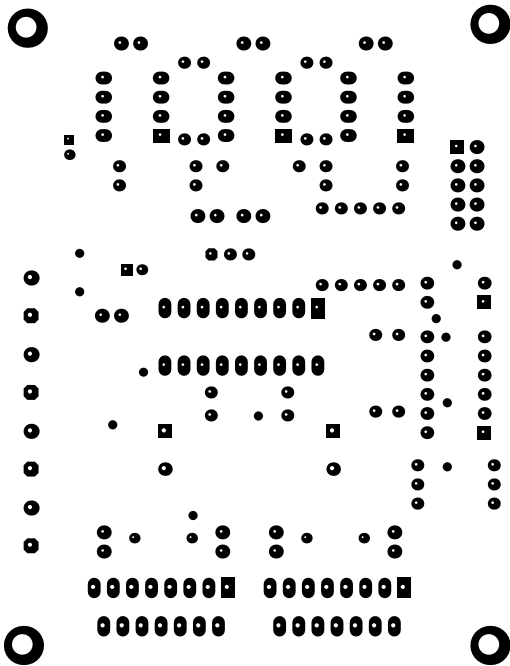


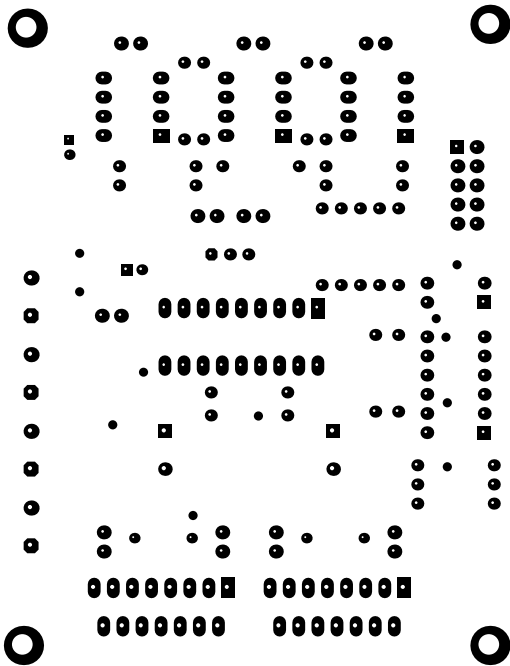


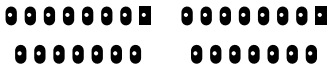
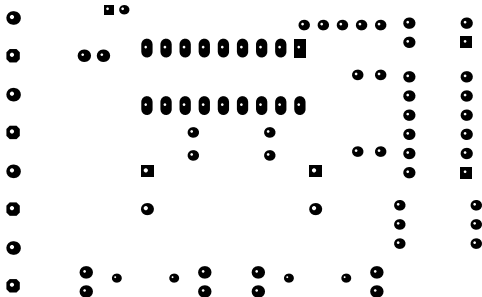
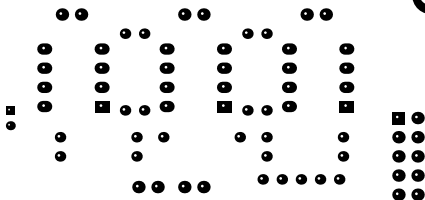


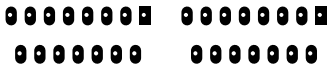
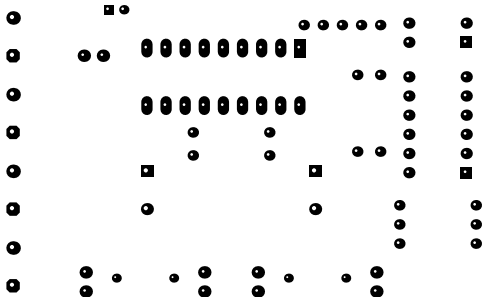
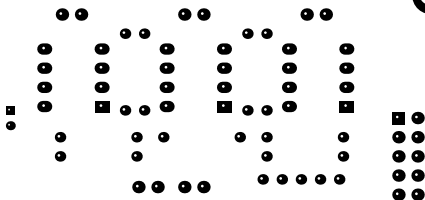
3 Amps LMD 18245T Steper Motor Driver

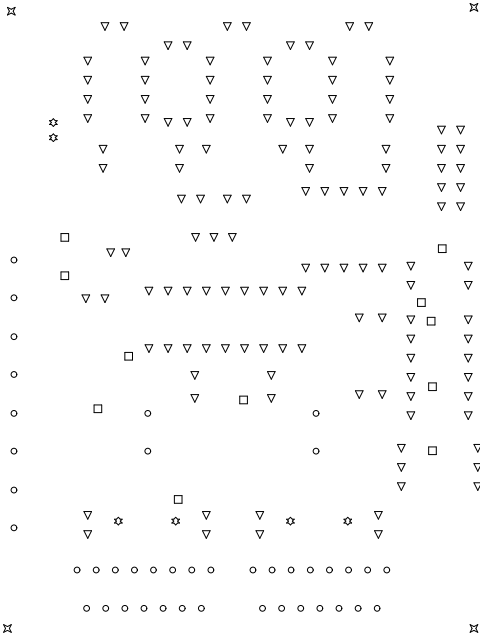






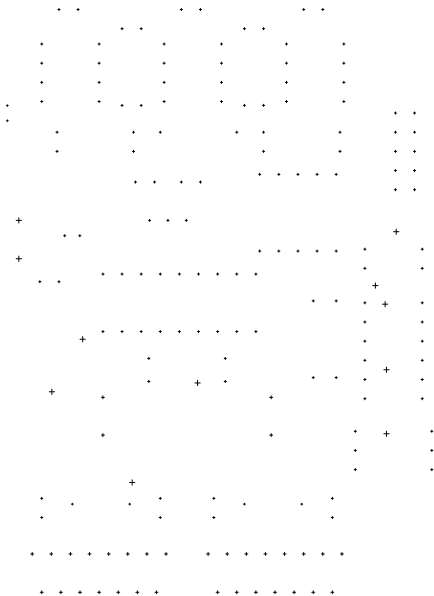






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Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C8, C9, C10, C11, C12, C13, C14, C15	VP32-3.2	Cap	9
	Capacitor	C2	VP32-3.2	Cap	1
Cap Pol1	Polarized Capacitor (Radial)	C3, C4	RADIAL CAPACITOR - 10mm	Cap Pol1	2
Cap	Capacitor	C5, C6	RAD-0.3	Cap	2
Cap Pol1	Polarized Capacitor (Radial)	C7	B	Cap Pol1	1
HLMP-Q100-N0011	Subminiature Red LED Lamp	D1	RADIAL CAPACITOR - 5mm	HLMP-Q100-N0011	1
Header 2	Header, 2-Pin	J_1, J_2, J_3, J_4	TERMINAL BLOCK 2 POLE	Header 2	4
ECS-35-17-4-3IL	Crystal Oscillator, 3rd In-Line Lead Version	Q1	HC-49US	ECS-35-17-4-3IL	1
Res2	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21	AXIAL-0.4	Res2	21
SW DIP-2	DIP Switch, 2 Position, SPST	S1	DIP-4	SW DIP-2	1
SW DIP-6	DIP Switch, 6 Position, SPST	S3	DIP-12/SW	SW DIP-6	1
09 18 510 6324	Flat Cable Connector (IDC), Low-Profile Male Header, Straight Solder Pin, 10 Contacts, Performance Level 2	SV	918510x324	09 18 510 6324	1
PIC16F628-04/P	FLASH-Based 8-Bit CMOS Microcontroller, 2K (x14-Bit words) FLASH, 224 Bytes RAM, 4 MHz, 18-Pin PDIP, 3.0 to 5.5V Supply Range, Commercial Temperature	U1	PDIP300-18	PIC16F628-04/P	1
LMD18245T	3A, 55V DMOS Full-Bridge Motor Driver	U2, U3	TA15A	LMD18245T	2
	CMOS Switched-Capacitor Voltage Converter	U4	N-8_A	ADM660AN	1
ADM660AN	CMOS Switched-Cap	U5, U6	N-8_A	ADM660AN	2