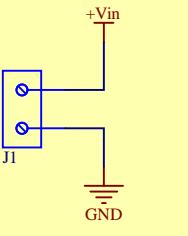
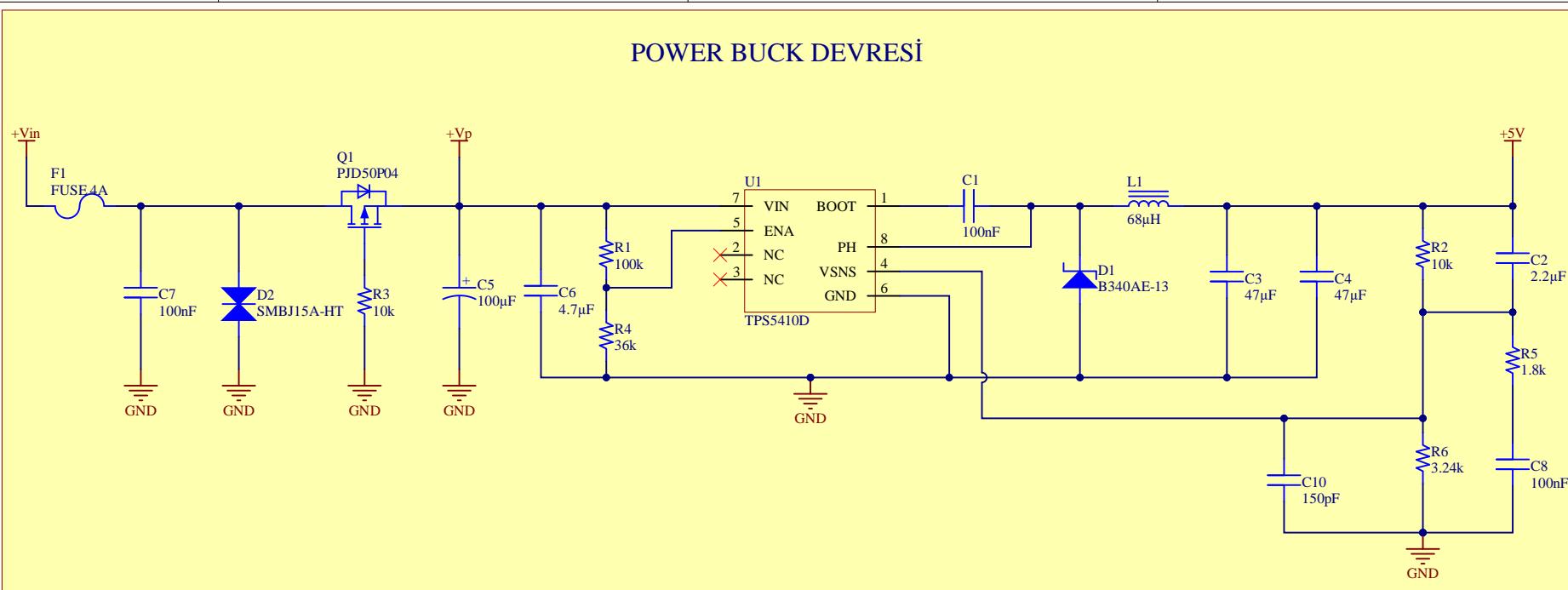


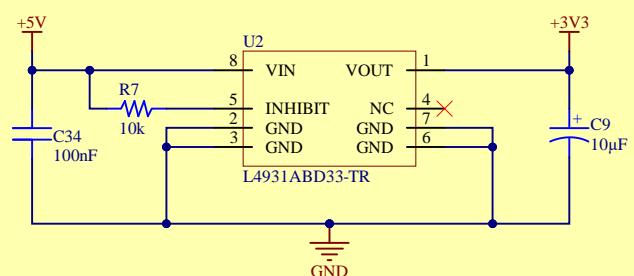
POWER GİRİŞ



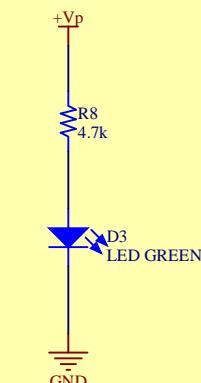
POWER BUCK DEVRESİ



POWER LDO DEVRESİ

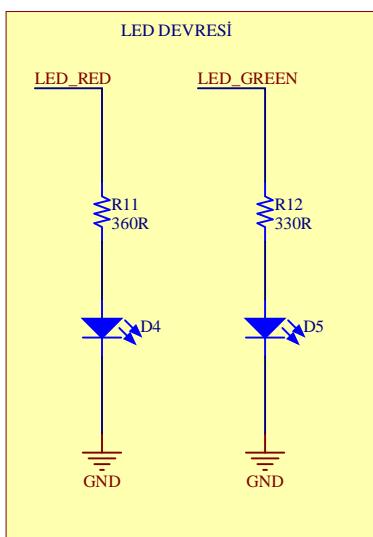
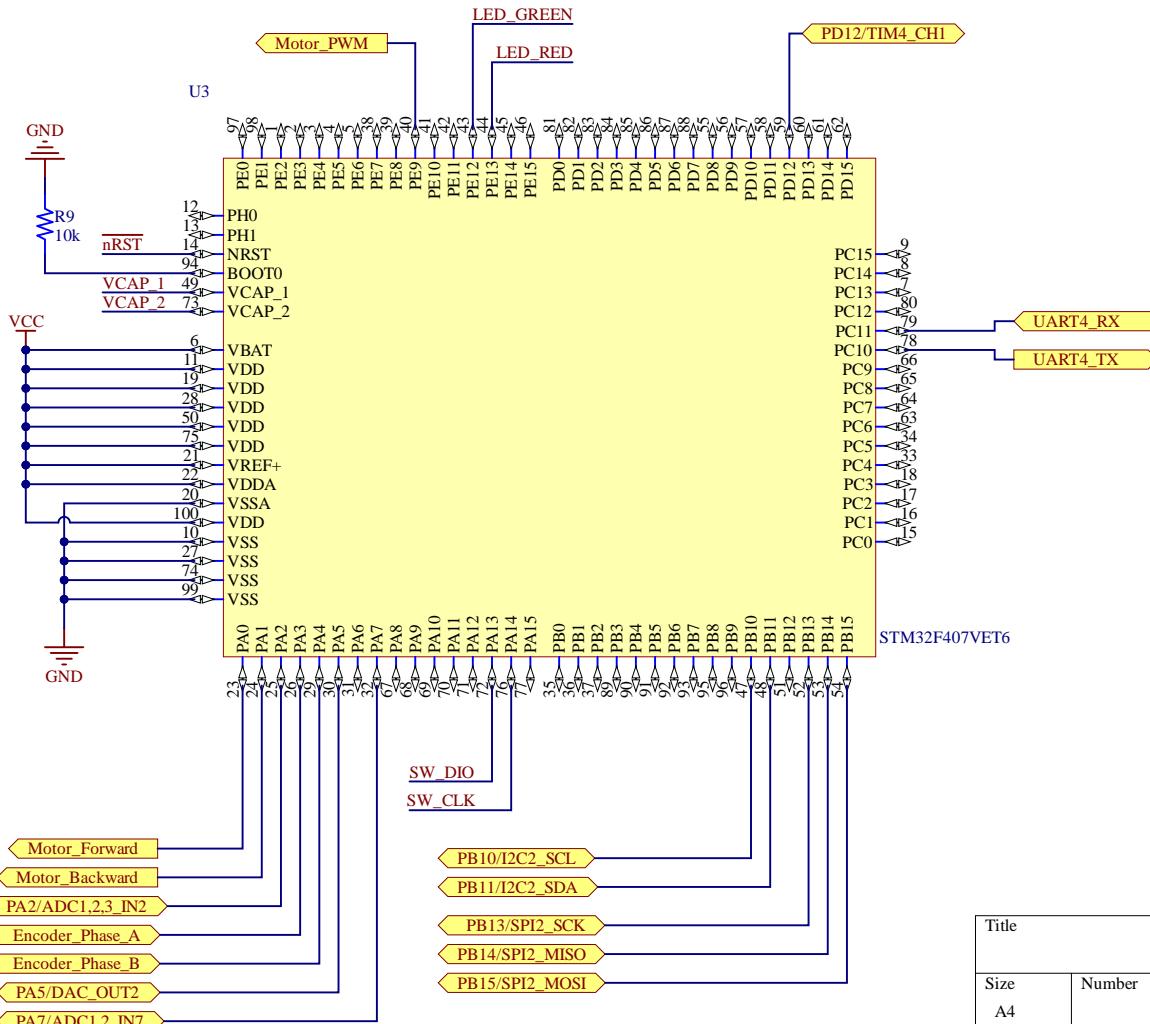
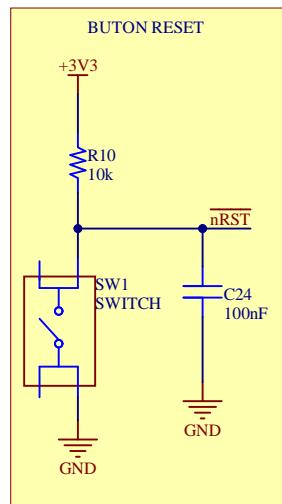
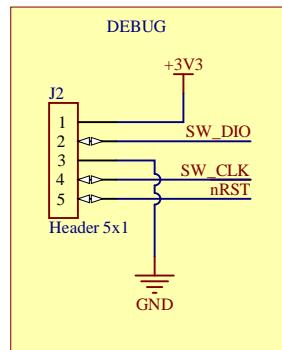
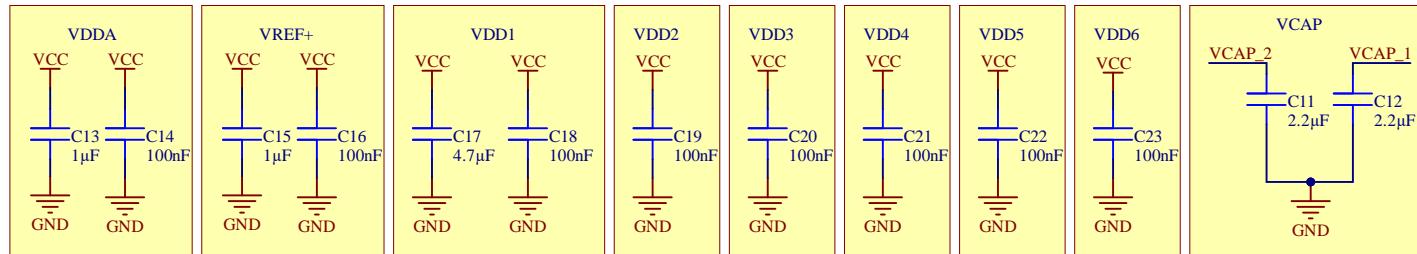
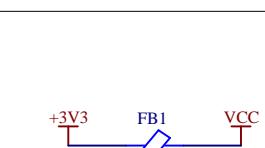


LED DEVRESİ



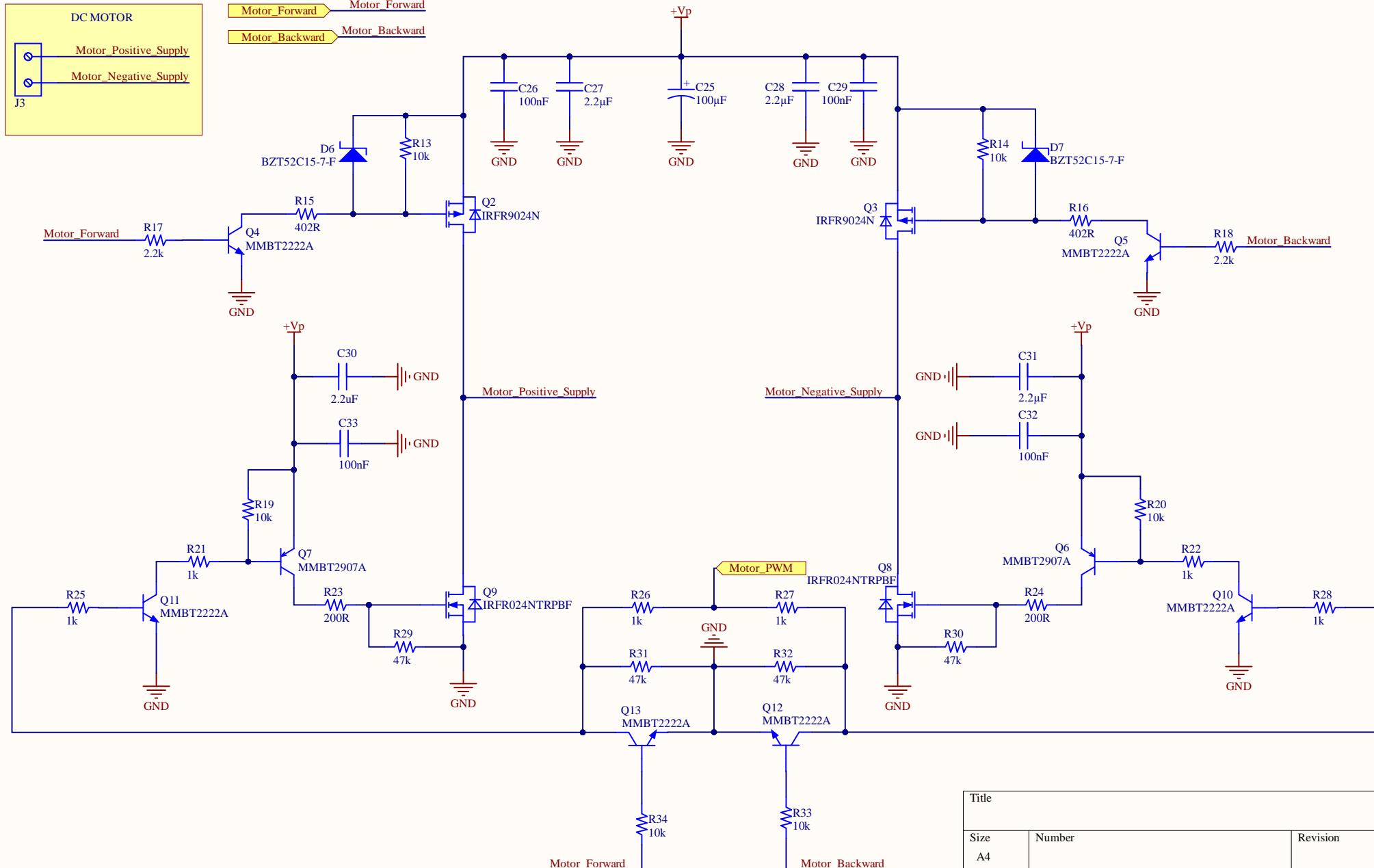
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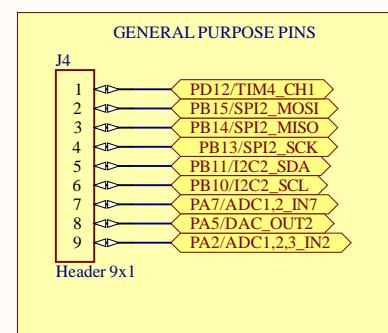
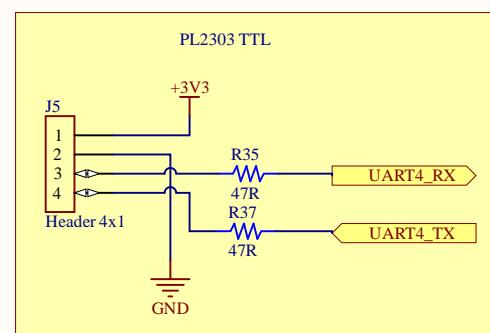
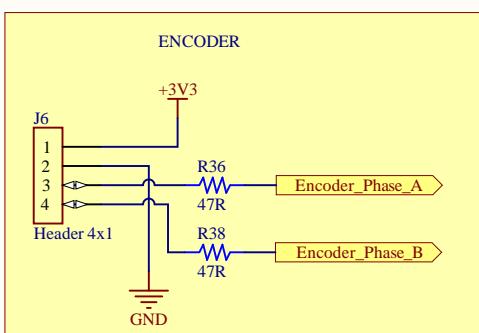


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DC MOTOR SÜRÜCÜ DEVRESİ



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Comment	Description	Designator	Footprint	Value	Quantity	Manufacturer	Manufacturer Ref.	Capacitance	Resistance Value
100nf	MUR11K030 (0603) 100nF 1KVDC ±10%	C1, C7, C8, C34	CAP_0603_100NF	CAP 0603 100nF	4	SAMSUNG	C110B10403SFPN C	000nf	
2.2uf	MUR11K060 (0603) 2.2uF 1KVDC ±10%	C2	CAP_0603_2.2uF	CAP 0603 2.2uF	1	SAMSUNG	C110B22503SFPN NC	2.2uF	
47uf	MUR11K080 (0603) 47uF 1KVDC ±10% 0.047uF	C3, C4	C132A47K010NNNN	CAP 1210 47uF	2	SAMSUNG	C132A47K010NNNN	47uF	
100uf	MUR11K100 (0603) 100uF 1KVDC ±10% 0.1uF	C5, C25	CAP_EEPAZ101H10P	CAP 100uF	2	Panasonic	EHH-ZA1H101P	100uF	
4.7uf	MUR11K040 (0603) 4.7uF 35VDC ±10% 0.047uF	C6	CAP_0603_4.7uF	CAP 0603 4.7uF	1	SAMSUNG	C110B47K010NNNN	4.7uF	
10uf	MUR11K080 (0603) 10uF 35VDC ±10% 0.01uF	C7	CAP_0603_10uF	CAP 0603 10uF	1	PANASONIC	EHH-KH100U	10uF	
100pf	MUR11K060 (0603) 100PF 35VDC ±10% 0.001uF	C10	CAP_0603_100PF	CAP 0603 100PF	1	SAMSUNG	C110C101000NNNN C	100PF	
2.2uf	MUR11K080 (0603) 2.2uF 35VDC ±10% 0.022uF	C11, C12	CAP_0402_2.2uF	CAP 0402 2.2uF	2	SAMSUNG	C105A22502SFPN NC	2.2uF	
1uf	MUR11K040 (0603) 1uF 1KVDC ±10% 0.001uF	C13, C15	CAP_0402_1uF	CAP 0402 1uF	2	SAMSUNG	C105A10503SFPN NC	1uF	
100nf	MUR11K040 (0603) 100nF 1KVDC ±10% 0.001uF	C14, C16, C18, C19, C20, C21, C22, C23, C24	CAP_0402_100NF	CAP 0402 100NF	6	SAMSUNG	C105B10404SFPN NC	100nF	
4.7uf	MUR11K040 (0603) 4.7uF 1KVDC ±10% 0.047uF	C17	CAP_0402_4.7uF	CAP 0402 4.7uF	1	SAMSUNG	C105A47M05SFPN NC	4.7uF	
100nf	MUR11K080 (0603) 100nF 1KVDC ±10% 0.001uF	C18, C19, C22, C23	C1218D08K00NNNN	CAP 0605 100nF	4	SAMSUNG	C1218D08K00NNNN	000nf	
2.2uf	MUR11K080 (0603) 2.2uF 1KVDC ±10% 0.022uF	C27, C28, C30, C31	CAPC27K1080N	CAP 1206 2.2uF	2	SAMSUNG	C1218D22504SFPN NC	2.2uF	
ES404E-13	ESD DIODE 1N4007 3A 40V 5MA DO-114C	D1	ESD1E404E-13	ESD1E404E-13	1	DIODES	ES404E-13		
FUSE	100mA 1600V 15V 100mA 44.2VDC	F1	MFUJ003FF0400P10	FUSE	1	YOSHAY	MFUJ003FF0400P 10		
BMM1UPG2215N1D	FET IRFZ44N 800V 10A BLUM1UPG2215N1D	F81	FB0603	Fetrite Block	1	THOMSON	BLUM1UPG2215N1D		
2x15mm T.B.	FIR022 2.5MMX2.2P PCB TYPE 0807 BLUE	I1, I3	Terminal Block 2x1	Terminal Block 2x1	2	DEGSON	SG0201-5.0-02P-12 004H		
Pin 60x60 MOUNT	IRL2532C12-1P	I4, D7	IRL2532C12-1P	IRL2532C12-1P	2	DIODES	IRL2532C15-7-F		
FUSE	100mA 1600V 15V 100mA 44.2VDC	F1	MFUJ003FF0400P10	FUSE	1	YOSHAY	MFUJ003FF0400P 10		
BFR024N	FET IRFZ44N 800V BLUM1UPG2215N1D	G2, G3	TO252 (P94K)	TO252 (P94K)	2	INFINIDEN	BFR024N1TBF6		
MMBT2222A	TRANSISTOR FET 0.50V 2.1A 2.1A SOT23-212A/TALEA-SMT	G4, G9, Q1, Q12, Q13	SOT23-212A/TALEA-SMT	NP0723-3MV-BT2222A NP0723-3MV-BT2222A	4	INFINIDEN	MMBT2222A-HT		
MMBT2207A	TRANSISTOR 0.50V 2.1A 2.1A SOT23-212A/TALEA-SMT	G4, Q7	TRANS_MMBT2207A	PNP Transistor MMBT2207A	2	INFINIDEN	MMBT2207A_RL_00001		
PJD05P04	P-DI AUTOMOTIVE P-DI AUTOMOTIVE P-DI AUTOMOTIVE	G5	TO252 (P94K)	TO252 (P94K)	1	PAULIN	PJD05P04A AU_L2_000A1		
MOSFET 0.51V 1A 50V 0.50V 2.1A 100V HDD101	MOSFET 0.51V 1A 50V 0.50V 2.1A 100V HDD101	G6, Q9	TO252 (P94K)	N Channel Mosfet HDD101	2	INFINIDEN	BFR024N1TBF6		
RES 100Ω 0402 100K 100Ω 100Ω 100Ω	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	G7, G8	TO252 (P94K)	P Channel Mosfet HDD101	2	INFINIDEN	BFR024N1TBF6		
100k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R1	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	100k Ohms	
10k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R2, R3, R7, R9, R10, R11, R12, R14, R19, R20, R23, R24	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	10k Ohms	
10k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R3, R4, R5, R6	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	10k Ohms	
10k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R7, R8	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	10k Ohms	
10k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R9, R10	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	10k Ohms	
10k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R11, R12	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	10k Ohms	
10k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R13, R14	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	10k Ohms	
10k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R15, R16	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	10k Ohms	
10k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R17, R18	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	10k Ohms	
10k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R19, R20	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	10k Ohms	
10k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R21, R22, R25, R26, R27, R28	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 10K GENERAL	1	ROYALOHM	0402WGF1001TC	10k Ohms	
200R	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R23, R24	CHIP RES 0805 1k	RES0805 402 Ohms 0402WGF4020TC	2	ROYALOHM	080508040201TC	200 Ohms	
47k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R29, R30, R31, R32	RES 0402 ROYALOHM 0402WGF1001TC	RES 0402 4.7k GENERAL	4	ROYALOHM	0402WGF1001TC	4.7k Ohms	
47k	RES 100Ω 0402 100K 100Ω 100Ω 100Ω	R35, R36, R37, R38	ROYALOHM040203S	0402WGF1001TC	4	ROYALOHM	C003SA040203S	47 Ohms	
SWITCH TACT 100Ω 100Ω 100Ω	SWITCH TACT 100Ω 100Ω 100Ω	S1	PT5475M050MTB 0402WGF1001TC	0402WGF1001TC	1	TELEFUNKEN	PT5475M050MTB 0402WGF1001TC		
SWITCH	SWITCH TACT 100Ω 100Ω 100Ω	S2	PT5475M050MTB 0402WGF1001TC	0402WGF1001TC	1	TELEFUNKEN	PT5475M050MTB 0402WGF1001TC		
TP55410D	IC-4100DR REG BUCK AUS1A-SMD 1000P	S3	IGC127P55410D	Reg Buck Converter TP55410D	1	TELEFUNKEN	IGC127P55410D		
4931AB033-TR	200mA 10A 1000P 4931AB033-TR	S4	LD1491AB033-TR	LD1491AB033-TR	1	TELEFUNKEN	LD1491AB033-TR		
STM32F407VET6	STM32F407VET6 288T 512KB FLASH 100PQFP	S5	GPF1001-S STM32F407VET6 P103	STM32F407VET6 STM32F407VET6 P103	1	TELEFUNKEN	STM32F407VET6 STM32F407VET6 P103		