

COMPONENT LIST - DC/DC CONVERTER					
Block	Id	Designator	Package	Qty	Designation
Debug	1	TH1,TH2,TH3,TH4,TH5,TH6,TH7,TH8,TH9,TH10,TH11,TH12,TH13,TH14,TH15,TH16,TL1,TL2,TL3,TL4,TL5,TL6,TL7,TL8,TL9,TL10,TL11,TL12	Measurement_Point_Round-TH_Small	28	CONN_01X01
	2	CNDb1	Pin_Header_Angled_2x08	1	CONN_02X08
	3	SH_1,SH2	ARDUINO_SHIELD_2	2	ARDUINO_SHIELD
Driver	4	DD1	Diode DO-41 SOD81 Horizontal RM10	1	DIODE
	5	ROH1,ROH2	Resistor_Horizontal_RM10mm	2	R
	6	CD3	C_Rect_L7_W2_P5	1	500n
	7	DR1	DIP-14_W7.62mm_LongPads	1	IRS2186
	8	JPO1,JPO2,JPO3,JPO4	Pin_Header_Straight_1x02	4	JUMPER
	9	OPT1	DIP-8_W7.62mm_LongPads	1	TLP2631
	10	RM1,RM2	Resistor_Horizontal_RM10mm	2	2R2
	11	RO1,RO2	Resistor_Horizontal_RM10mm	2	470
	12	RO3,RO4	Resistor_Horizontal_RM10mm	2	220
	13	CO1	C_Rect_L7_W2_P5_fat	1	C
	14	C_M8,C_M7,C_M6,C_M5,C_M4,C_M3,C_M2,C_M1	C_Rect_L7_W2_P5_fat	8	100nF
	15	CD2,CD1	C_Rect_L7_W2_P5_fat	2	100n
Feeder	16	FH2	7805	1	7815
	17	CONH1,CONL1	BARREL_JACK	2	BARREL_JACK
	18	DH1,DH2,DL1	Diode_DO-41_SOD81_Horizontal_RM10	3	D_Small
	19	FH1,FL1	7805	2	7805
	20	JPF1	Pin_Header_Straight_1x03	1	JUMPER3
	21	LDH1,LDH2,LDL1	LED-3MM	3	LED
	22	RH1,RH2,RL1	Resistor_Horizontal_RM10mm	3	10k
	23	CL2,CL1,CH4,CH3,CH2,CH1	C_Rect_L7_W2_P5_fat	6	1u
Measurement	24	PVH1,PVL1	Potentiometer	2	1M
	25	RiH1,RiL1	Resistor_TO-220_Vertical	2	0.02
	26	RVH1,RVL1	Resistor_Horizontal_RM10mm	2	470k
	27	RVH2,RVL2	Resistor_Horizontal_RM10mm	2	4k7
	28	iA3,iA1,iA2,iA4	AMC1100	4	AMC1100
Micro	29	SH_1,SH2	ARDUINO_SHIELD_2	2	ARDUINO_SHIELD
Power	30	CNH1	Banana_Jack_2Pin	1	HIGH
	31	CNL1	Banana_Jack_2Pin	1	LOW
	32	CPH1,CPL1	C_Radial_D12.5_L25_P5	2	C
	33	MH1,ML1	TO-220	2	FDPF39N20
	34	CNDbH1,CNDb1	Pin_Header_Angled_2x08	2	CONN_02X08
	35	L1	MURATA_Inductor_Big	1	INDUCTOR