

COMPONENT LIST - DC/DC CONVERTER						
Block	Id	Designator	Package	Qty	Designation	Sld.
Support		P1,P2,P3,P4	Plastic screws	4	-	
		N1,N2,N3,N4	Plastic nuts	4	-	
		M1,M2,M3,M4	Metal spacers	4	-	
Driver	1	DD1	Diode DO-41 SOD81 Horizontal RM10	1	DIODE	
	2	ROH1,ROH2	Resistor_Horizontal_RM10mm	2	330	
	3	CD3	C_Rect_L7_W2_P5	1	500n	
	4	DR1	DIP-14_W7.62mm_LongPads	1	IRS2186	
	5	JPO1,JPO2,JPO3,JPO4	Pin_Header_Straight_1x02	4	JUMPER	
	6	OPT1	DIP-8_W7.62mm_LongPads	1	TLP2631	
	7	RM1,RM2	Resistor_Horizontal_RM10mm	2	2R2	
	8	RO1,RO2	Resistor_Horizontal_RM10mm	2	470	
	9	RO3,RO4	Resistor_Horizontal_RM10mm	2	220	
	10	CO1	C_Rect_L7_W2_P5_fat	1	C	
	11	CD2,CD1	C_Rect_L7_W2_P5_fat	2	100n	
Feeder	12	FH2	7805	1	7815	
	13	CONH1,CONL1	BARREL JACK	2	BARREL JACK	
	14	DH1,DH2,DL1	Diode_DO-41_SOD81_Horizontal_RM10	3	D_Small	
	15	FH1,FL1	7805	2	7805	
	16	JPF1	Pin_Header_Straight_1x03	1	JUMPER3	
	17	LDH1,LDH2,LDL1	LED-3MM	3	LED	
	18	RH1,RH2,RL1	Resistor_Horizontal_RM10mm	3	10k	
	19	CL2,CL1,CH4,CH3,CH2,CH1	C_Rect_L7_W2_P5_fat	6	1u	
Measure ment	20	PVH1,PVL1	Potentiometer	2	1M	
	21	RiH1,RiL1	Resistor_TO-220_Vertical	2	0.02	
	22	RVH1,RVL1	Resistor_Horizontal_RM10mm	2	470k	
	23	RVH2,RVL2	Resistor_Horizontal_RM10mm	2	4k7	
	24	iA3,iA1,iA2,iA4	AMC1100	4	AMC1100	
	25	C_M8,C_M7,C_M6,C_M5,C_M4,C_M3,C_M2,C_M1	C_Rect_L7_W2_P5_fat	8	100nF	
Micro	26	SH_1,SH2	ARDUINO_SHIELD_2	2	ARDUINO_SHIELD	
Power	27	CNH1	Banana_Jack_2Pin	1	HIGH	
	28	CNL1	Banana_Jack_2Pin	1	LOW	
	29	CPH1,CPL1	C_Radial_D12.5_L25_P5	2	C	
	30	MH1,ML1	TO-220	2	FDPF39N20	
	31	CNDbH1,CNDb1	Pin_Header_Angled_2x08	2	CONN_02X08	
	32	L1	MURATA_Inductor_Big	1	INDUCTOR	