

Runner_Mot_H_2.85_parts.txt

Partlist

Part	Value	Package	Library	Position (mm)	Orientation
C1	RAD FR 680/50	E5-13	rc1	(91.1225 10.4775)	R90
C2	100nF	C025-024X044	rc1	(57.4675 7.3025)	R90
C3	100nF	C025-024X044	rc1	(43.4975 7.3025)	R90
C4	RAD FR 680/50	E5-13	rc1	(9.04875 10.4775)	R90
C5	100nF	C025-024X044	rc1	(56.1975 23.8125)	R180
C6	100nF	C025-024X044	rc1	(23.8125 23.97125)	R90
C7	100nF	C025-024X044	rc1	(6.6675 22.20595)	R270
C8	220u/16V	E2,5-7	rc1	(92.71 29.845)	R270
C9	100nF	C025-024X044	rc1	(88.5825 37.7825)	R0
C10	100nF	C025-024X044	rc1	(71.12 37.7825)	R180
C11	4u7	E2-4	rc1	(66.04 37.7825)	R180
C12	100nF	C025-024X044	rc1	(51.7525 33.02)	R270
C13	4u7	E2-4	rc1	(23.495 33.9725)	R270
D1	1N5819	D041-10	diode	(87.3125 27.94)	R270
D2	1.5KE51A	D0201T15	diode	(82.39125 18.25625)	R180
D3	1.5KE51A	D0201T15	diode	(65.7225 18.25625)	R180
D5	1.5KE51A	D0201T15	diode	(35.56 18.25625)	R180
D6	1.5KE51A	D0201T15	diode	(19.05 18.25625)	R180
D7	SF18G	D041-10	diode	(71.4375 30.1625)	R270
D8	SF18G	D041-10	diode	(19.3675 29.845)	R270
D9	1.5KE51CA	CB429-17	diode	(49.2125 27.94)	R180
IC1	LM2574HVN-ADJ	DIL08	Runner_Mot_H_2.84x_doppelt	(80.9625 30.1625)	R270
IC2	IRF_IR2184	IRF_DIL08	Runner_Mot_H_2.84x_doppelt	(64.4525 30.1625)	R270
IC3	IRF_IR2184	IRF_DIL08	Runner_Mot_H_2.84x_doppelt	(12.3825 30.1625)	R270
JP1	PWM_INP	JP4Q	jumper	(40.64 36.5125)	R0
L1	220uH	6000-XXXX-RC	rc1	(94.9325 21.9075)	R315
LED_3_RG	PWM_LED	LED3MM	led	(56.515 33.02)	R270
LED_12V	Power	LED3MM	led	(28.8925 33.9725)	R270
PAD1	Motor_A	3,81/1,1	wirepad	(74.6125 7.9375)	R180
PAD2	Motor_A	3,81/1,1	wirepad	(69.5325 7.9375)	R180
PAD3	36V-45V	3,81/1,1	wirepad	(53.0225 7.9375)	R180

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PAD4	GND	3,81/1,1	wirepad	(47.9425 7.9375)	R180
PAD5	Motor_B	3,81/1,1	wirepad	(31.4325 7.9375)	R180
PAD6	Motor_B	3,81/1,1	wirepad	(26.3525 7.9375)	R180
Q1	IRFB 4110	T0220BH	transistor-power	(80.9625 0.3175)	R180
Q2	IRFB 4110	T0220BH	transistor-power	(63.1825 0.3175)	R180
Q3	IRFB 4110	T0220BH	transistor-power	(37.7825 0.3175)	R180
Q4	IRFB 4110	T0220BH	transistor-power	(20.0025 0.3175)	R180
R1	4R7	0207/10	rcl_2	(78.4225 22.5425)	R0
R2	4R7	0207/10	rcl_2	(65.7225 22.225)	R0
R3	Varistor 45V	S10K40	Runner_Mot_H_2.84x_doppelt	(50.8 19.685)	R90
R4	0.47-1 Ohm	0207/10	rcl_2	(46.6725 23.8125)	R0
R5	4R7	0207/10	rcl_2	(32.7025 25.24125)	R0
R6	0.47-1 Ohm	0207/10	rcl_2	(32.7025 22.70125)	R0
R7	4k7	0207/10	rcl_2	(32.7025 27.78125)	R0
R8	4R7	0207/10	rcl_2	(15.5575 22.5425)	R0
R9	18k	0207/10	rcl_2	(79.6925 37.7825)	R0
R10	1k8	0207/10	rcl_2	(74.6125 30.1625)	R90
R11	100k	0207/10	rcl_2	(56.8325 37.7825)	R0
R12	4k7	0207/10	rcl_2	(32.7025 30.32125)	R0
R13	100k	0207/10	rcl_2	(14.9225 37.7825)	R0
R14	Draht	0204/5	resistor	(60.6425 11.43)	R270
R15	Draht	0204/5	resistor	(17.4625 11.43)	R270