









Stueckliste.txt

Partlist

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Part	Value	Package	Library	Position (mil)
Orientation				
BUS1 R0		2,54/1,0	wirepad	(4705 865)
BUS2 R0		2,54/1,0	wirepad	(4705 1045)
BUS_GND R0		2,54/1,0	wirepad	(4710 1490)
BUS__GND R0		2,54/1,0	wirepad	(4710 1325)
C1 R90	100µF	E2,5-6E	rc1	(2995 360)
C2 R180	100n	C025-025X050	rc1	(2145 615)
C3 R180	470µ/10V	E2,5-6	rc1	(265 1100)
C4 R270	22p	C025-025X050	rc1	(2525 2035)
C5 R270	22p	C025-025X050	rc1	(1925 2035)
C6 R0	100n	C025-025X050	rc1	(265 555)
C7 R0	100n	C025-025X050	rc1	(3055 945)
C8 R0	100n	C025-025X050	rc1	(265 680)
C9 R270	100n	C025-025X050	rc1	(2890 705)
C10 R180	1µ	E2,5-6E	rc1	(4408.665 309.945)
C11 R0	1µ	E2,5-6E	rc1	(3628.571 306.165)
C12 R0	1µ	E2,5-6E	rc1	(3887.453 305.035)
C13 R180	1µ	E2,5-6E	rc1	(3362.091 302.85)
C14 R180	1µ	E2,5-6E	rc1	(4147.728 308.972)
C15 R180	100n	C025-025X050	rc1	(265 895)
C16 R270	100n	C025-025X050	rc1	(3875 1970)
C17 R180	100n	C025-025X050	rc1	(3785 1460)
C18 R0	22p	C025-025X050	rc1	(4490 2345)
C19 R180	22p	C025-025X050	rc1	(4565 1735)
D1 R0	1N4004	DO41-10	diode	(2420 290)
D2 R0	1N5819	SOD64Z12	diode	(1900 435)
D3 R0	BPW40	BPW32	opto-trans-siemens	(1010 4140.63)
D4 R90	1N4148	DO35-10	diode	(3600 1270)
DIS1 R0	SA08-11	SA08-11	00WB display-kingbright	(1540 4770)
DIS2 R0	SA08-11	SA08-11	00WB display-kingbright	(2340 4770)
DIS3	SA08-11	SA08-11	00WB display-kingbright	(3140 4770)

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R0 DIS4	SA08-11	SA08-11	00WB display-kingbright	(3940 4770)
R0 DIS5	SA08-11	SA08-11	00WB display-kingbright	(1540 3501.89)
R0 DIS6	SA08-11	SA08-11	00WB display-kingbright	(2340 3501.89)
R0 DIS7	SA08-11	SA08-11	00WB display-kingbright	(3140 3501.89)
R0 DIS8	SA08-11	SA08-11	00WB display-kingbright	(3940 3501.89)
R0 F1	M 0,8A	GSH15	fuse	(225 1935)
R90 IC1	MEGA8-P	DIL28-3	atmel	(4155 1970)
R90 IC2	MEGA16-P	DIL40	atmel	(2475.449 1465.799)
R180 IC3	MAX232	DIL16	maxim	(4035.969 698.858)
R0 ISP_AZ3		FE05-1	con-lsta	(3095 2455)
R180 ISP_SM1		FE05-1	con-lsta	(3640 2580)
R180 JP1		1X02	pinhead	(3070 705)
R90 L1	330µH	SMCC12	inductors	(1745 285)
R0 Q1	4MHZ	HC18U-V	crystal	(2225 1985)
R0 Q2	BC327	TO92-EBC	transistor-pnp	(2235 2490)
R0 Q3	BC327	TO92-EBC	transistor-pnp	(1855 2490)
R0 Q4	BC327	TO92-EBC	transistor-pnp	(1465 2490)
R0 Q5	BC327	TO92-EBC	transistor-pnp	(1085 2490)
R0 Q6	BC548	TO92-EBC	transistor-npn	(3680 1245)
R90 Q7	4MHZ	HC18U-V	crystal	(4515 2040)
R90 R1	270	0204/7	rc1	(1165 2090)
R180 R2	270	0204/7	rc1	(1165 1730)
R180 R3	270	0204/7	rc1	(1165 1640)
R180 R4	270	0204/7	rc1	(1165 1820)
R180 R5	270	0204/7	rc1	(1165 2000)
R180 R6	270	0204/7	rc1	(1165 1910)
R180 R7	270	0204/7	rc1	(1165 1510)
R180 R8	270	0204/7	rc1	(1165 1210)
R180 R9	270	0204/7	rc1	(1165 1120)
R180 R10	270	0204/7	rc1	(1165 930)
R180 R11	270	0204/7	rc1	(1165 835)
R180 R12	270	0204/7	rc1	(1165 740)
R180 R13	270	0204/7	rc1	(1165 1305)
R180 R14	270	0204/7	rc1	(1165 1025)

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R180				
R15	270	0204/7	rc1	(1165 645)
R180				
R16	18k	0204/7	rc1	(2770 1405)
R180				
R17	820	0204/7	rc1	(3325 2025)
R90				
R18	820	0204/7	rc1	(3425 2025)
R90				
R19	820	0204/7	rc1	(3225 2025)
R90				
R20	820	0204/7	rc1	(3125 2025)
R90				
R21	270	0204/7	rc1	(1165 2180)
R180				
R22	1k	0204/7	rc1	(2730 870)
R270				
R23	100k	PT-10	pot	(2425 815)
R0				
R24	18k	0204/7	rc1	(3855 1095)
R90				
R25	18k	0204/7	rc1	(4140 1215)
R180				
R26	4k7	0204/7	rc1	(4655 590)
R0				
R27	4k7	0204/7	rc1	(4655 735)
R0				
S1		B3F-10XX	switch-omron	(3335 780)
R90				
SV3		ML10	con-m1	(620 975)
R90				
SV4		ML14	con-m1	(620 2020)
R90				
SV5		ML14L	con-m1	(960 4715)
R90				
SV6		ML10L	con-m1	(965 3551.89)
R90				
U	Supply	1X02	pinhead	(240 1320)
R0				
U\$1	LM2575	TO220-5PIN-1	jfw-pwm1	(1285 280)
R90				