

RSC - 900

Bill of materials

PROPRIETARY INFORMATION

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DMU

Item	Quantity	Reference	Part
1	3	CR2, CR3, CR4	LED
2	31	C1, C2, C3, C4, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C19, C20, C23, C24, C25, C27, C28, C29, C30, C31, C32, C35, C36, C37, C38, C40, C41	0.1U
3	1	C17	10.U
4	4	C18, C21, C22, C42	100nf
5	2	C33, C34	100pf
6	3	JP1, JP2, JP4	JUM2
7	1	J1	CON EISAE-XT
8	2	J5, J2	SMA
9	1	J3	CONN EDGE10
10	1	J4	CONN-PC104
11	7	L1, L2, L4, L5, L6, L7, L36	47UH
12	4	L3, L10, L34, L35	3.3UH
13	1	L11	220UH
14	1	L12	100nh
15	2	R1, R3	150
16	1	R2	36

17	13	R4, R15, R24, R25, R28, R29, 10K R30, R31, R32, R33, R34, R35, R36
18	2	R5, R14 12.1K
19	3	R9, R10, R13 316
20	2	R12, R11 100K
21	1	R16 49.9
22	1	R17 2.1K
23	3	R18, R19, R20 1K
24	6	R21, R22, R23, R41, R42, R43 OPT
25	2	R27, R26 0
26	1	S1 SW DIP-3
27	1	TP1 TP
28	1	U1 PAL_U1
29	1	U2 PAL_U2
30	1	U3 MAX962
31	1	U4 74HC04
32	1	U5 27C256PLCCE
33	1	U6 EPLD7160LC84-12
34	1	U7 27C256PLCC
35	1	U8 74HC244
36	1	U9 74HC244
37	1	U10 8452LC84-13
38	2	U11, U12 244E
39	2	U14, U13 ERA-2
40	1	U15 OSC-28M8

RFU

Item	Quantity	Reference	Part
1	1	A1	ERA-2-SM
2	1	A2	LRPQ-980
3	5	CH1, CH2, CH3, CH4, CH5	CH
4	1	CIR1	NC3104
5	19	J1, CR1, P3, R4, P4, J4, P5, CR6, CR7, R14, R19, R20, R35, R36, R40, R41, R45, R48, R89	OPT.
6	8	CR2, CR3, CR9, CR10, CR11, CR12, CR13, CR14	BAT254
7	1	CR4	orang
8	1	CR5	MBRD660CT
9	1	CR8	LED G/R
10	5	C1, C6, C7, C19, C30	330uF/6.3V
11	16	C2, C5, C11, C12, C13, C14, C17, C27, C39, C50, C62, C63, C65, C68, C69, C72	10nF
12	8	C3, C22, C44, C51, C56, C61, C70, C71	1nF
13	1	C4	680PF
14	21	C8, C9, C10, C18, C20, C31, C33, C34, C45, C46, C47, C49, C52, C53, C54, C57, C58, C59, C64, C66, C67	100nF
15	5	C15, C32, C48, C55, C60	10uF/16V
16	2	C16, C28	100PF
17	1	C21	230uF/63V
18	5	C23, C35, C37, C41, C43	47PF
19	1	C29	3.0PF
20	1	C40	5.6PF
21	1	C42	opt
22	5	C73, C74, C75, C76, C77	10pF
23	1	C78	180pF
24	1	F1	FUSE/2A
25	1	JP1	4PJ
26	1	JP2	2PJ
27	1	J2	SMA_CONN_RA
28	1	J3	option
29	1	L1	CDR127-47uH
30	1	L2	BEAD
31	6	L3, L7, L8, L11, L17, L18	47uH
32	3	L5, L6, L10	47nH
33	1	L9	10uH
34	1	L12	6.8nH
35	1	L14	1.8nH
36	2	L16, L15	1uH
37	2	P1, P2	LPH-10R-AG
38	3	Q1, Q3, Q4	BC858C
39	2	Q2, Q5	SI2301DS
40	2	Q7, Q6	MMBT2222
41	29	R1, R5, R6, R8, R9, R10, R11, R13, R16, R17, R18, R21, R25, R26, R37, R38, R57, R60, R69, R75, R82, R83, R84, R86, R88, R91, R98, R101, R102	10.0K
42	3	R2, R32, R47	2.15K
43	2	R3, R15	4.75K

44	24	R7, R22, R24, R27, R28, R29, 1.00K R30, R31, R39, R73, R74, R76, R77, R78, R79, R80, R85, R87, R90, R92, R93, R94, R95, R103	
45	1	R12 1.00M	
46	1	R23 33.2	
47	2	R33, R34 2.67K	
48	1	R42 0.00	
49	1	R43 1.00	
50	1	R44 27	
51	4	R49, R50, R58, R97 316	
52	1	R51 18.2	
53	2	R52, R59 110	
54	1	R53 62	
55	1	R61 18K	
56	2	R62, R67 51	
57	1	R63 49.9	
58	2	R68, R64 8.25K	
59	4	R65, R66, R70, R71 360	
60	1	R72 39-1%	
61	1	R81 2.15K-1%	
62	2	R96, R104 100	
63	1	R99 182-1%	
64	1	R100 360-1%	
65	2	R105, R106 0	
66	1	R107 24	
67	2	R108, R109 220	
68	1	TIT? Upper	
69	15	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15	TP
70	2	U1, U2 MAX825-LEUK	
71	2	U3, U15 74HC14A	
72	1	U4 MAX962ESA	
73	3	U5, U17, U18 MAX4130EUK	
74	1	U6 MAX724ECK	
75	2	U10, U7 BP2C	
76	1	U8 RF2132	
77	2	U13, U9 ADE-12H	
78	1	U12 PLL400-915	
79	1	U14 MAX412ESA	
80	1	U16 MAX414ESD	
81	1	X1 91-SM0-10M	

CPU

1	CPU on Board	SBC-456/E
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