

MAC Addressing

The MAC address is set via onboard DIPswitches. The configuration of the DIP switches is such that switch 1 = LSB, and switch 7 = MSB with a value of 1 = ON and a value of 0 = OFF. The MAC address of the device must be unique within its network, and must be in the range 0 to 127. It is an integer value, and cannot be changed over the network.

DIP switch configuration

MAC	1	2	3	4	5	6	7
0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0
2	0	1	0	0	0	0	0
3	1	1	0	0	0	0	0
4	0	0	1	0	0	0	0
5	1	0	1	0	0	0	0
6	0	1	1	0	0	0	0
7	1	1	1	0	0	0	0
8	0	0	0	1	0	0	0
9	1	0	0	1	0	0	0
10	0	1	0	1	0	0	0
11	1	1	0	1	0	0	0
12	0	0	1	1	0	0	0
13	1	0	1	1	0	0	0
14	0	1	1	1	0	0	0
15	1	1	1	1	0	0	0
16	0	0	0	0	1	0	0
17	1	0	0	0	1	0	0
18	0	1	0	0	1	0	0
19	1	1	0	0	1	0	0

DIP switch configuration

MAC	1	2	3	4	5	6	7
20	0	0	1	0	1	0	0
21	1	0	1	0	1	0	0
22	0	1	1	0	1	0	0
23	1	1	1	0	1	0	0
24	0	0	0	1	1	0	0
25	1	0	0	1	1	0	0
26	0	1	0	1	1	0	0
27	1	1	0	1	1	0	0
28	0	0	1	1	1	0	0
29	1	0	1	1	1	0	0
30	0	1	1	1	1	0	0
31	1	1	1	1	1	0	0
32	0	0	0	0	0	1	0
33	1	0	0	0	0	1	0
34	0	1	0	0	0	1	0
35	1	1	0	0	0	1	0
36	0	0	1	0	0	1	0
37	1	0	1	0	0	1	0
38	0	1	1	0	0	1	0
39	1	1	1	0	0	1	0

DIP switch configuration

MAC	1	2	3	4	5	6	7
40	0	0	0	1	0	1	0
41	1	0	0	1	0	1	0
42	0	1	0	1	0	1	0
43	1	1	0	1	0	1	0
44	0	0	1	1	0	1	0
45	1	0	1	1	0	1	0
46	0	1	1	1	0	1	0
47	1	1	1	1	0	1	0
48	0	0	0	0	1	1	0
49	1	0	0	0	1	1	0
50	0	1	0	0	1	1	0
51	1	1	0	0	1	1	0
52	0	0	1	0	1	1	0
53	1	0	1	0	1	1	0
54	0	1	1	0	1	1	0
55	1	1	1	0	1	1	0
56	0	0	0	1	1	1	0
57	1	0	0	1	1	1	0
58	0	1	0	1	1	1	0
59	1	1	0	1	1	1	0

DIP switch configuration

MAC	1	2	3	4	5	6	7
60	0	0	1	1	1	1	0
61	1	0	1	1	1	1	0
62	0	1	1	1	1	1	0
63	1	1	1	1	1	1	0
64	0	0	0	0	0	0	1
65	1	0	0	0	0	0	1
66	0	1	0	0	0	0	1
67	1	1	0	0	0	0	1
68	0	0	1	0	0	0	1
69	1	0	1	0	0	0	1
70	0	1	1	0	0	0	1
71	1	1	1	0	0	0	1
72	0	0	0	1	0	0	1
73	1	0	0	1	0	0	1
74	0	1	0	1	0	0	1
75	1	1	0	1	0	0	1
76	0	0	1	1	0	0	1
77	1	0	1	1	0	0	1
78	0	1	1	1	0	0	1
79	1	1	1	1	0	0	1

DIP switch configuration

MAC	1	2	3	4	5	6	7
80	0	0	0	0	1	0	1
81	1	0	0	0	1	0	1
82	0	1	0	0	1	0	1
83	1	1	0	0	1	0	1
84	0	0	1	0	1	0	1
85	1	0	1	0	1	0	1
86	0	1	1	0	1	0	1
87	1	1	1	0	1	0	1
88	0	0	0	1	1	0	1
89	1	0	0	1	1	0	1
90	0	1	0	1	1	0	1
91	1	1	0	1	1	0	1
92	0	0	1	1	1	0	1
93	1	0	1	1	1	0	1
94	0	1	1	1	1	0	1
95	1	1	1	1	1	0	1
96	0	0	0	0	0	1	1
97	1	0	0	0	0	1	1
98	0	1	0	0	0	1	1
99	1	1	0	0	0	1	1

DIP switch configuration

MAC	1	2	3	4	5	6	7
100	0	0	1	0	0	1	1
101	1	0	1	0	0	1	1
102	0	1	1	0	0	1	1
103	1	1	1	0	0	1	1
104	0	0	0	1	0	1	1
105	1	0	0	1	0	1	1
106	0	1	0	1	0	1	1
107	1	1	0	1	0	1	1
108	0	0	1	1	0	1	1
109	1	0	1	1	0	1	1
110	0	1	1	1	0	1	1
111	1	1	1	1	0	1	1
112	0	0	0	0	1	1	1
113	1	0	0	0	1	1	1
114	0	1	0	0	1	1	1
115	1	1	0	0	1	1	1
116	0	0	1	0	1	1	1
117	1	0	1	0	1	1	1
118	0	1	1	0	1	1	1
119	1	1	1	0	1	1	1

DIP switch configuration

MAC	1	2	3	4	5	6	7
120	0	0	0	1	1	1	1
121	1	0	0	1	1	1	1
122	0	1	0	1	1	1	1
123	1	1	0	1	1	1	1
124	0	0	1	1	1	1	1
125	1	0	1	1	1	1	1
126	0	1	1	1	1	1	1
127	1	1	1	1	1	1	1