

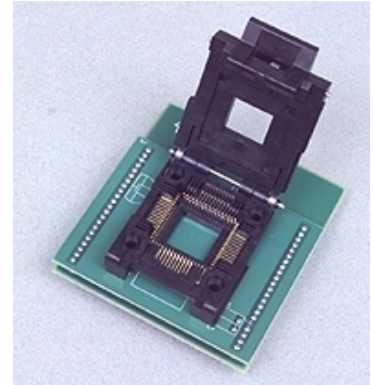


DS87001 Microcontroller Programming Adapters

www.dalsemi.com

Description

The DS87001 family of programming adapters converts the pins of the High-Speed Microcontroller Family in SMT packages to the 40-pin DIP footprint used by most device programmers. The following table details the available adapters, their part numbers and footprints, and which microcontrollers are supported by which adapter.



The DS87001 programming adapters feature high quality, multiple insertion sockets with gold-plated leads. The exact dimensions of the adapter vary with part number, but are approximately 7.5 cm x 8.5 cm x 4.0 cm tall.

Adapter P/N	DS87001-Q44	DS87001-E44	DS87001-Q52	DS87001-E52	DS87001-Q68	DS87001-F80
Programs Dallas P/N	87C520-QxL	87C520-ExL	87C550-QxL	87C530-ExL	87C550-QxL	87C550-FxL
DIP pin	44-PLCC pin	44-TQFP pin	52-PLCC pin	52-TQFP pin	68-PLCC pin	80-PQFP pin
1	2	40	3	48	48	10
2	3	41	4	49	49	11
3	4	42	5	50	50	12
4	5	43	6	51	51	13
5	6	44	7	52	52	14
6	7	1	8	1	1	15
7	8	2	9	2	2	16
8	9	3	10	3	3	17
9	10	4	12	5	5	9
10	11	5	15	8	8	18
11	13	7	16	9	9	19
12	14	8	17	10	10	20
13	15	9	18	11	11	23
14	16	10	19	12	12	24
15	17	11	20	13	13	25
16	18	12	21	14	14	26
17	19	13	22	15	15	27
18	20	14	23	16	16	31
19	21	15	24	17	17	32
20	1, 22, 23	16,17, 39	1, 25, 26, 28, 51	18,19, 21	18,19, 21	34, 35
21	24	18	30	23	23	38
22	25	19	31	24	24	39
23	26	20	32	25	25	40
24	27	21	33	26	26	41
25	28	22	34	27	27	42
26	29	23	35	28	28	45
27	30	24	36	29	29	46

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DIP pin	44-PLCC pin	44-TQFP pin	52-PLCC pin	52-TQFP pin	68-PLCC pin	80-PQFP pin
28	31	25	37	30	30	47
29	32	26	38	31	31	48
30	33	27	39	32	32	49
31	35	29	42	35	35	50
32	36	30	43	36	36	51
33	37	31	44	37	37	52
34	38	32	45	38	38	53
35	39	33	46	39	39	54
36	40	34	47	40	40	55
37	41	35	48	41	41	56
38	42	36	49	42	42	57
39	43	37	50	43	43	58
40	44	38	21,52	22,45	22,45	72