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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Device Programmers and Development Tools for Microcontrollers

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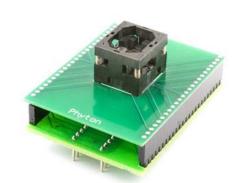
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#### AE-B48-NM1

DIP48/BGA48 specialized adapter for FLASH memory.



#### Description:

DIP48/BGA48 specialized adapter for FLASH memory. Device package dimensions:  $6.39 \times 6.37 \times 1.0 \text{ mm}$ , 0.75 mm pitch

#### Supported Devices:

Click the device programmer model below to get an appropriate list of the devices supported by this programmer with this adapter:

- ChipProg-48ChipProg-G4

Adapter wiring diagram

#### Adapter Connection Table:

Header

TSOP-48

DI P-48

DIF-40	пеацеі	130F-46
1	A15	1
2	A14	2
3	A13	3
4	A12	4
5	A11	5
6	A10	6
7	A9	7
8	A8	8
9	NC(A21)	9
10	A20	10
11	W	11
12	RP(RST)	12
13	Vpp	13
14	WP	14
15	A19	15
16	A18	16
17	A17	17
18	A7	18
19	A6	19
20	A5	20
21	A4	21
22	A3	22
23	A2	23
24	A1	24
25	A0	25
26	E(CE)	26
27	Vssq	27
28	G(OE)	28
29	DQ0	29
30	DQ8	30
31	DQ1	31

32 DQ9 32  33 DQ2 33  34 DQ10 34  35 DQ3 35  36 DQ11 36  37 Vdd 37  38 DQ4 38  39 DQ12 39  40 DQ5 40  41 DQ13 41  42 DQ6 42  43 DQ14 43  44 DQ7 44  45 DQ15 45  46 Vss 46  47 Vddq 47  48 A16 48
34 DQ10 34 35 DQ3 35 36 DQ11 36 37 Vdd 37 38 DQ4 38 39 DQ12 39 40 DQ5 40 41 DQ13 41 42 DQ6 42 43 DQ14 43 44 DQ7 44 45 DQ15 45 46 Vss 46 47 Vddq 47 48 A16 48
35 DQ3 35 36 DQ11 36 37 Vdd 37 38 DQ4 38 39 DQ12 39 40 DQ5 40 41 DQ13 41 42 DQ6 42 43 DQ14 43 44 DQ7 44 45 DQ15 45 46 Vss 46 47 Vddq 47 48 A16 48
36 DQ11 36 37 Vdd 37 38 DQ4 38 39 DQ12 39 40 DQ5 40 41 DQ13 41 42 DQ6 42 43 DQ14 43 44 DQ7 44 45 DQ15 45 46 Vss 46 47 Vddq 47 48 A16 48
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47 Vddq 47 48 A16 48
48 A16 48

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