

**DIP48 TO MLF48/QFN48 SOCKET ADAPTER.  
ACCEPT 7x7 mm CMS PACKAGE. PITCH 0,5mm**



# ADA-QFN48

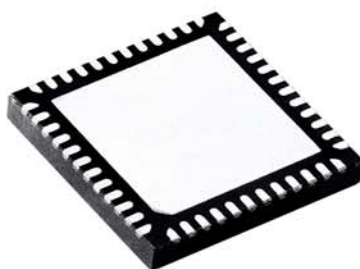
**Introduction:**

This adapter connect the pins of a DFN48 or QFN48 (dimensions 7 x 7 mm) package chip to a 32 pin DIP equivalent. It accept a MLF/QFN device and plug into a DIP socket. Pitch of 0,5mm. Socket type "cover".

**Connections of this adapter:**

DIP48	QFN48	QFN48	DIP48
1	1	48	48
2	2	47	47
3	3	46	46
4	4	45	45
5	5	44	44
6	6	43	43
7	7	42	42
8	8	41	41
9	9	40	40
10	10	39	39
11	11	38	38
12	12	37	37
13	13	36	36
14	14	35	35
15	15	34	34
16	16	33	33
17	17	32	32
18	18	31	31
19	19	30	30
20	20	29	29
21	21	28	28
22	22	27	27
23	23	26	26
24	24	25	25

**Package MLF/QFN:**

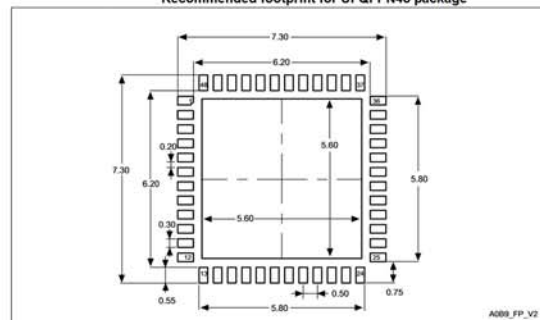


**Dimensions of the devices accepted:**

Symbol	millimeters			inches <sup>(1)</sup>		
	Min	Typ	Max	Min	Typ	Max
A	0.500	0.550	0.600	0.0197	0.0217	0.0236
A1	0.000	0.020	0.050	0.0000	0.0008	0.0020
D	6.900	7.000	7.100	0.2717	0.2756	0.2795
E	6.900	7.000	7.100	0.2717	0.2756	0.2795
D2	5.500	5.600	5.700	0.2165	0.2205	0.2244
E2	5.500	5.600	5.700	0.2165	0.2205	0.2244
L	0.300	0.400	0.500	0.0118	0.0157	0.0197
T	-	0.152	-	-	0.0060	-
b	0.200	0.250	0.300	0.0079	0.0098	0.0118
e	-	0.500	-	-	0.0197	-
ddd	-	-	0.080	-	-	0.0031

1. Values in inches are converted from mm and rounded to 4 decimal digits.

**Recommended footprint for UFQFPN48 package**



1. Dimensions are expressed in millimeters.

**Examples of supported devices:**

- ATMEL : AT32UC3B1128
- MICROCHIP : PIC24FV16KM204
- ST-Micro. : STM32F042C6U

**Equivalent adapters from other manufacturers:**

WL-QFN48-U101

**Item includes:**

- Adapter.
- User manual in English and French.