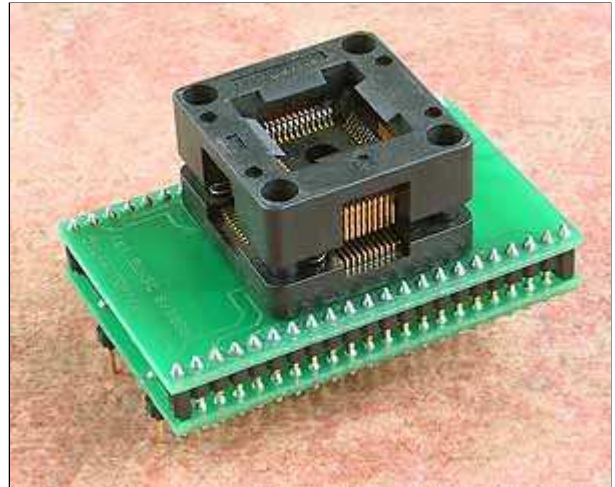


DIL44/TQFP44-1 ZIF

(ord.no. 70-0076)

- universal adapter, assigned for devices in LQFP44/TQFP44/VQFP44 package (for example NEC uPD78Fxxx series, STM ST7xxx series, Atmel ATmega series, Microchip PIC 16xxx, PICx17xxx, PIC 18xxx, PIC 24xxx, dsPIC series, Motorola/Freescale HCS08 series)
- Suitable e.g. for Atmel MCS51 family and AVR family in TQFP44 package
- operation (mechanical) life of ZIF socket - 10.000 actuations
- made in Slovakia



Ord. no	70-0076
Socket	ZIF QFP44, open top type
Bottom	2 rows, 2x 22 pins, square, 0.6x0.6mm, rows spacing 600mil
Class	Universal
Subclass	DIL/QFP

Wiring is:

TQFP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
DIL	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28

TQFP	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
DIL	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	1	2	3	4	5	6

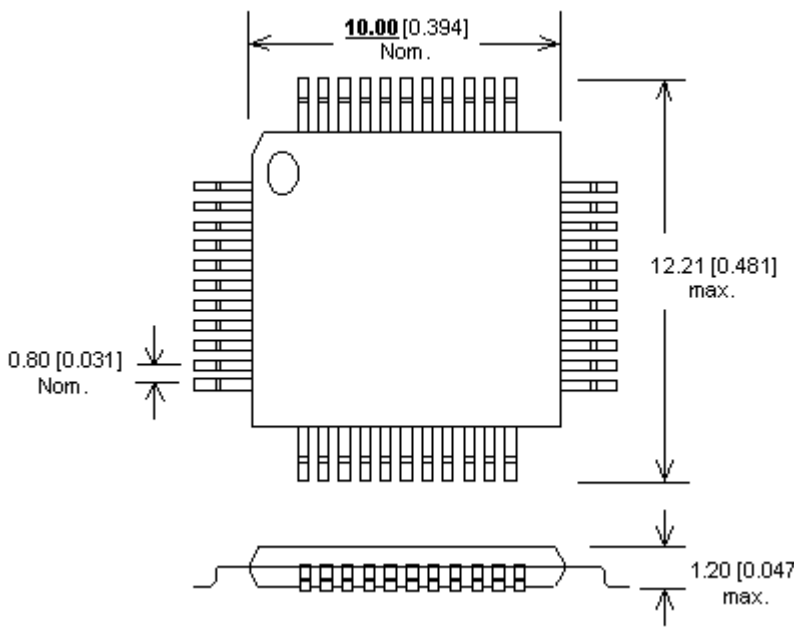
Adapter manual

- Insert adapter to the device programmer ZIF socket according to the picture placed near of it. If you have some doubts about orientation of this adapter in device programmer ZIF socket, it is valid general rule, the orientation of the text of title is the same as the text on the top of the device programmer.
- Push the top of adapter ZIF socket to open it. Insert the device into the adapter ZIF socket. The right position of the programmed device in adapter ZIF socket is show at picture near (mainly left above) the adapter ZIF socket. On this picture reference corner (e.g. position of pin 1) of device is indicated by dot, by number 1, by bevelled corner or by any combination of them. Then release adapter ZIF socket.
- Visually check interconnection between device and adapter ZIF socket. If everything looks OK, the device is ready for programming.
- Be careful, because the incorrect insertion of adapter to the device programmer ZIF socket or device to the adapter ZIF socket can damage the programmed device.
- To take out the device push the top of adapter ZIF socket and remove device from it.
- When you finish work with adapter, remove it from the device programmer ZIF socket.
- Do not directly touch the pins of the adapter and adapter ZIF socket, because dirt may cause errors during programming of device.
- For handling with the device we recommended to use a vacuum pick up tool.
- If programming yields isn't 100% when using programming adapter or if some unreliability appears, try to connect one 22nF-100nF multilayer capacitor (that meet the EIA X7R or Z5U specification) between leads of adapter connected to pins VCC and GND pins of programmed chip.

Software note

- If software version, you're using currently, doesn't contain support for this programming adapter, please download the latest version of software - Regular or OnDemand - from our web site.

Accepted package(s)

TQFP44	 10.00 [0.394] Nom. 12.21 [0.481] max. 0.80 [0.031] Nom. 1.20 [0.047] max.
	