

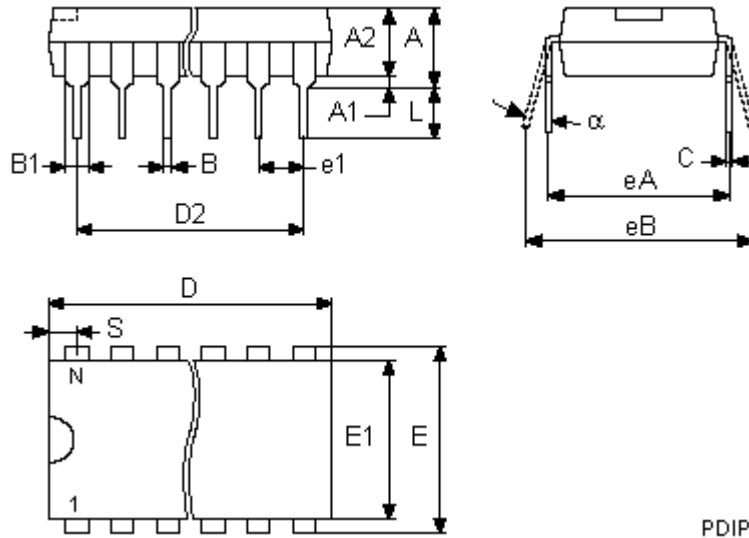
The adapter is necessary for programming **EPROM's in the DIL42 package** (such as M27C800/160/322) on the DIL40 socket of the **GALEP**.

Because more than 40 signals are needed to program these devices, the address signals A17, A18 and A19 are stored in a register on the adapter.

CONITEC doesn't offer such an adapter. You may build the adapter by yourself easily, if you follow the building guidance below.

An adapter ready to use (professional printed board) may be bought from [www.ak-electronic.de](http://www.ak-electronic.de) .

## DIL42



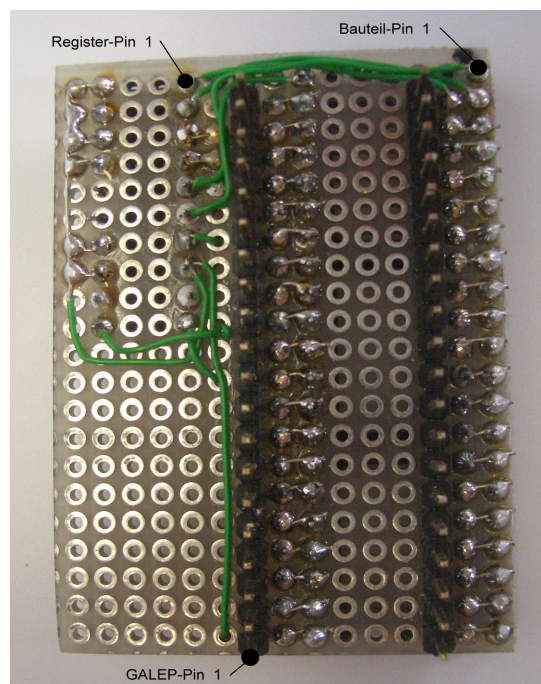
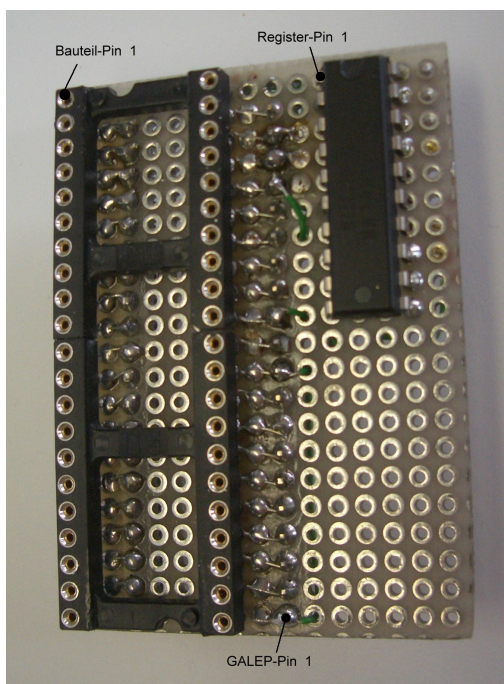
PDIP

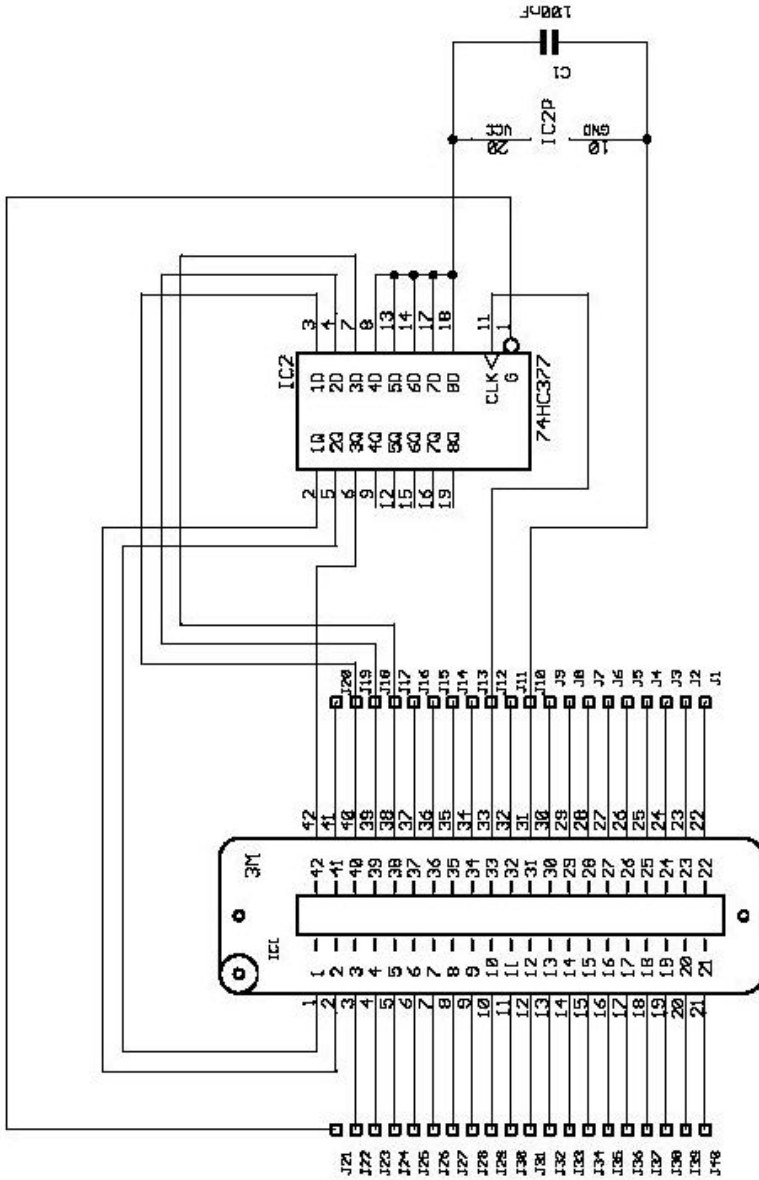
Symbol	millimeters			inches		
	Typ	Min	Max	Typ	Min	Max
A		-	5.08		-	0.200
A1		0.25	-		0.010	-
A2		3.56	4.06		0.140	0.160
B		0.38	0.53		0.015	0.021
B1		1.27	1.65		0.050	0.065
C		0.20	0.36		0.008	0.014
D		52.20	52.71		2.055	2.075
D2	50.80	-	-	2.000	-	-
E	15.24	-	-	0.600	-	-
E1		13.59	13.84		0.535	0.545
e1	2.54	-	-	0.100	-	-
eA	14.99	-	-	0.590	-	-
eB		15.24	17.78		0.600	0.700
L		3.18	3.43		0.125	0.135
S		0.86	1.37		0.034	0.054
alpha		0°	10°		0°	10°
N		42			42	



B u i l d i n g   g u i d a n c e  
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- The experimental board has a size of 21 solder points in length and 14 solder points in width, solder points at both sides and through contacted.
- The 42 pins device socket is made of two 24 pins sockets, one of them is shorted to 18 pins.
- The two rows of 20 pins, which are to insert into the GALEP socket, are mounted at the bottom side into hole 1 to 20 of the hole rows 3 and 9. They are inserted in such a position, that the height at the top side is less than 0.5 mm. When soldering connect all pins at the top side with the neighboured solder point at row 2 and 8 respectively by "solder bridges".  
(If the pins are soldered a little non-rectangular (smaller line of pin ends), later the adapter can be inserted into the GALEP socket easier.)
- The following pins are to connect with the neighboured solder points at row 10 : 1, 10, 17, 18, 19.
- At the top side the pin 1 of the 42 pin socket is to be placed at row 1, hole 21, when soldering connect all pins except pin 1, 2 and 42 with the neighboured solder point at row 2 and 8 respectively (bottom side).
- The pin 1 of the latch IC (74HC377) is to be placed at row 11, hole 21.
- The wire connections are to be made at the bottom side as shown in the picture (pin 3 and 4 of the latch IC only need a "solder bridge" to row 10).
- This "necessary" adapter is displayed at the program's window as "special adapter" .





REV:	15.07.2004 19:20:48	DATE	TITLE: DIL42_ADAPT
PLOT:	15.07.2004 19:20:48	BEARB.	GALEP III DIL42 ADAPTER
		GEPR.	For 27C160 EPROMS
		NORM	
KURTASZ ELECTRONIC MÜHLENATHHEG 29 79539 LÖRRACH kurtasz.electronic@online.de		TEL.: 07621-14617 FAX: 07621-14617 www.ak-electronic.de	Document Nr: Sheet: 1/1

**PLEASE NOTE: The information given cannot be covered by a warranty. Please always check the position of the pins mentioned using the device's documentation. We can not offer any warranty covering damage to Galep or the device caused by faulty wiring.**