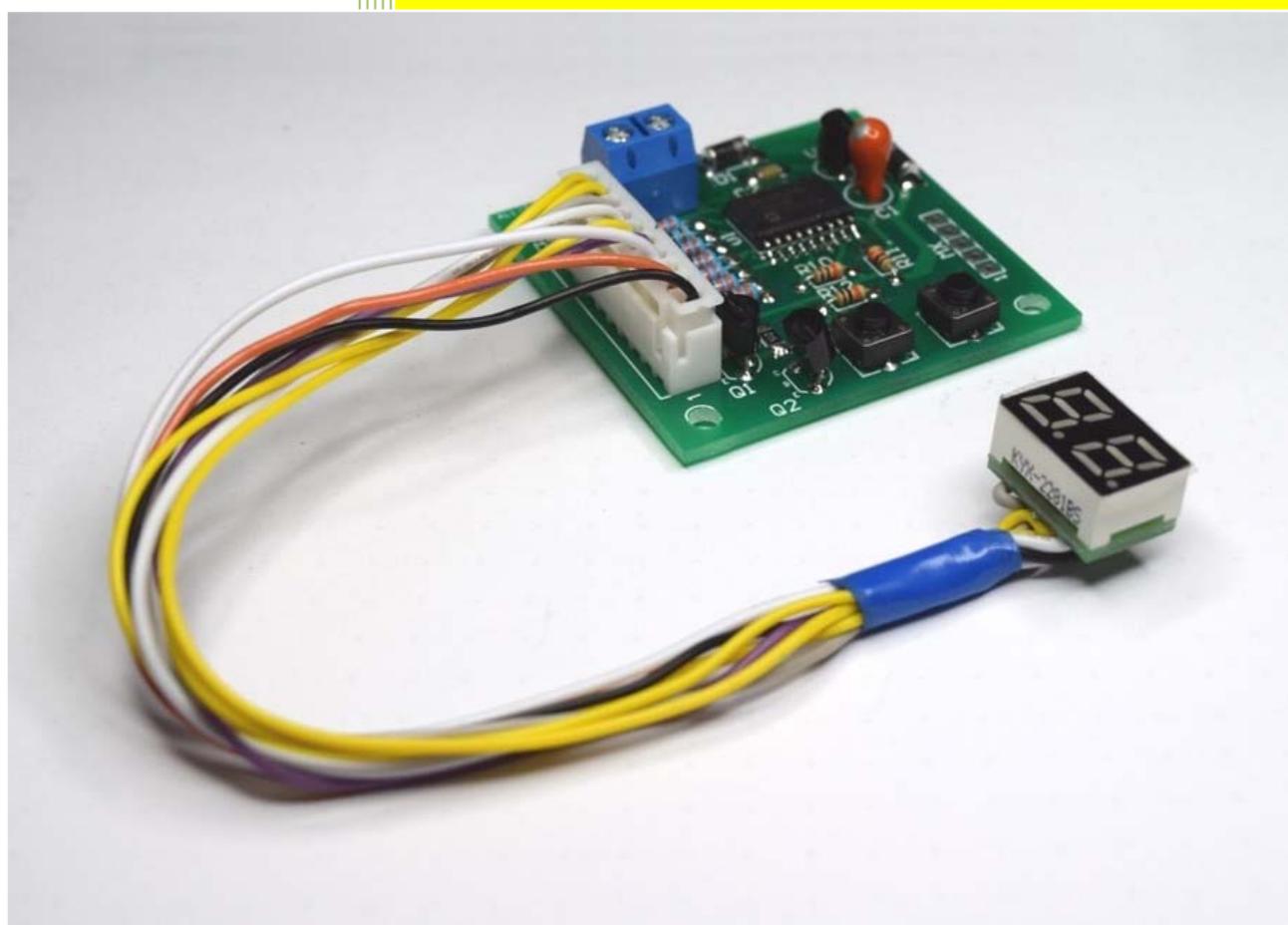




**SERVICE & OWNER'S MANUAL**  
**MANUALE di SERVIZIO e ISTRUZIONI**

# DIGITAL PLACE CARD (Segnaposto)

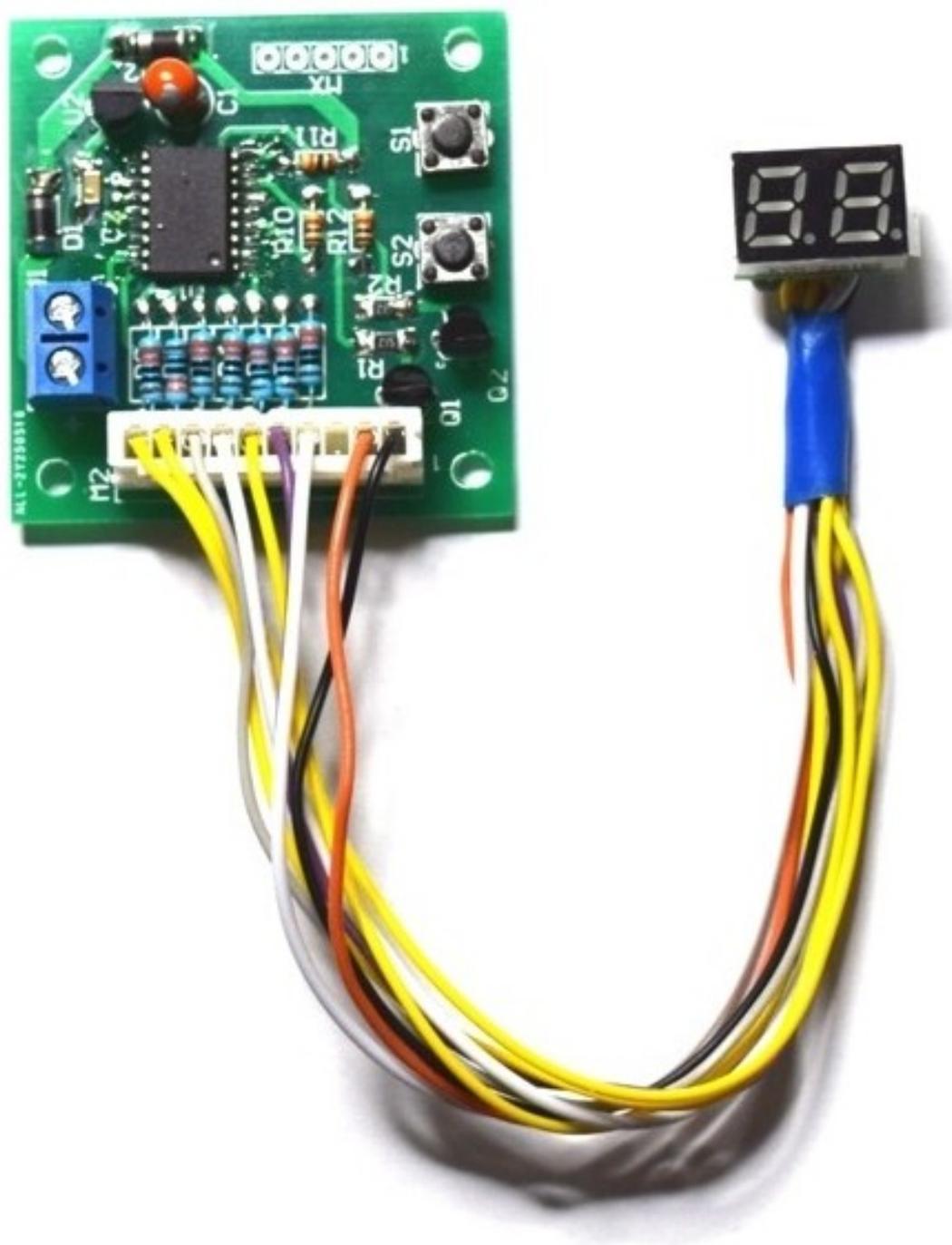


***SEGNAPOSTO DIGITALE***  
*con MICROCONTROLORE*  
*PIC16F628A SOIC-18*

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[www.narcisivalter.it](http://www.narcisivalter.it)

## CARATTERISTICHE

- Impostazione segnaposto da **0** a **99**
- Memorizzazione automatica della cifra impostata
- Pulsanti **+10** (per impostazione decine) e **+1** (per impostazione unità)
- Lettura su Display doppio **10x15** mm.
- Alimentazione compresa fra **9** e **12 Vcc**
- Facilità d'uso



1

2

3

4

D

D

C

C

B

B

A

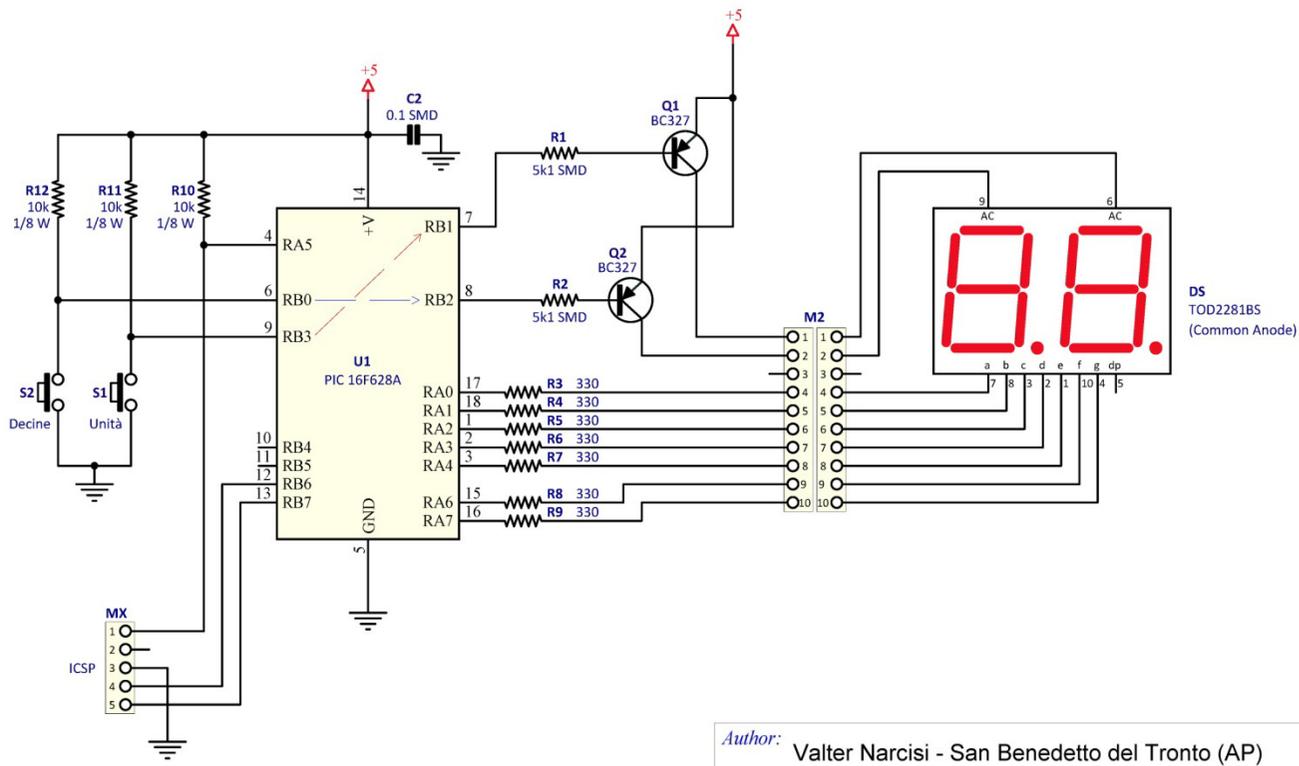
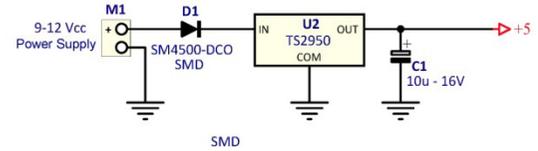
A

1

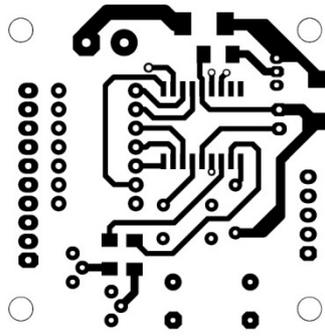
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3

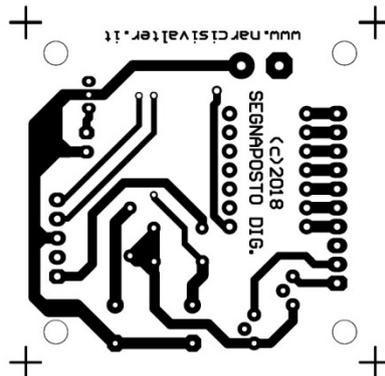
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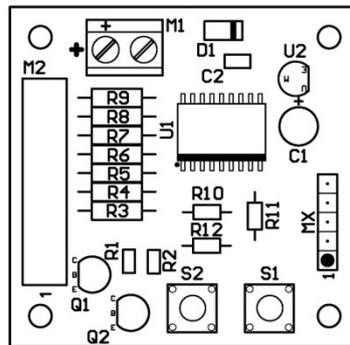
<i>Author:</i> Valter Narcisi - San Benedetto del Tronto (AP)				
<i>Project:</i> Segnaposto Digitale (Digital Place Card)			<i>Year:</i> 2018	
<i>Size:</i> A	<i>DWG no.</i> 1	<i>Rev.:</i> 1	<i>Scale:</i> 1:1	<i>Sheet:</i> 1 of 1
<i>Note:</i> www.narcisivalter.it/progetti/mini-place-card.html				©2018 All rights reserved



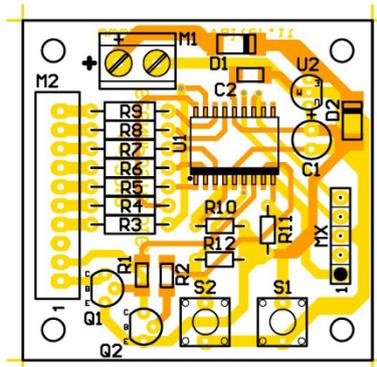
MAIN MASTER (Top Layer - 46x45 mm.)



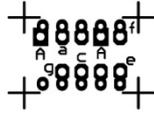
MAIN MASTER (Bottom Layer - 46x45 mm.)



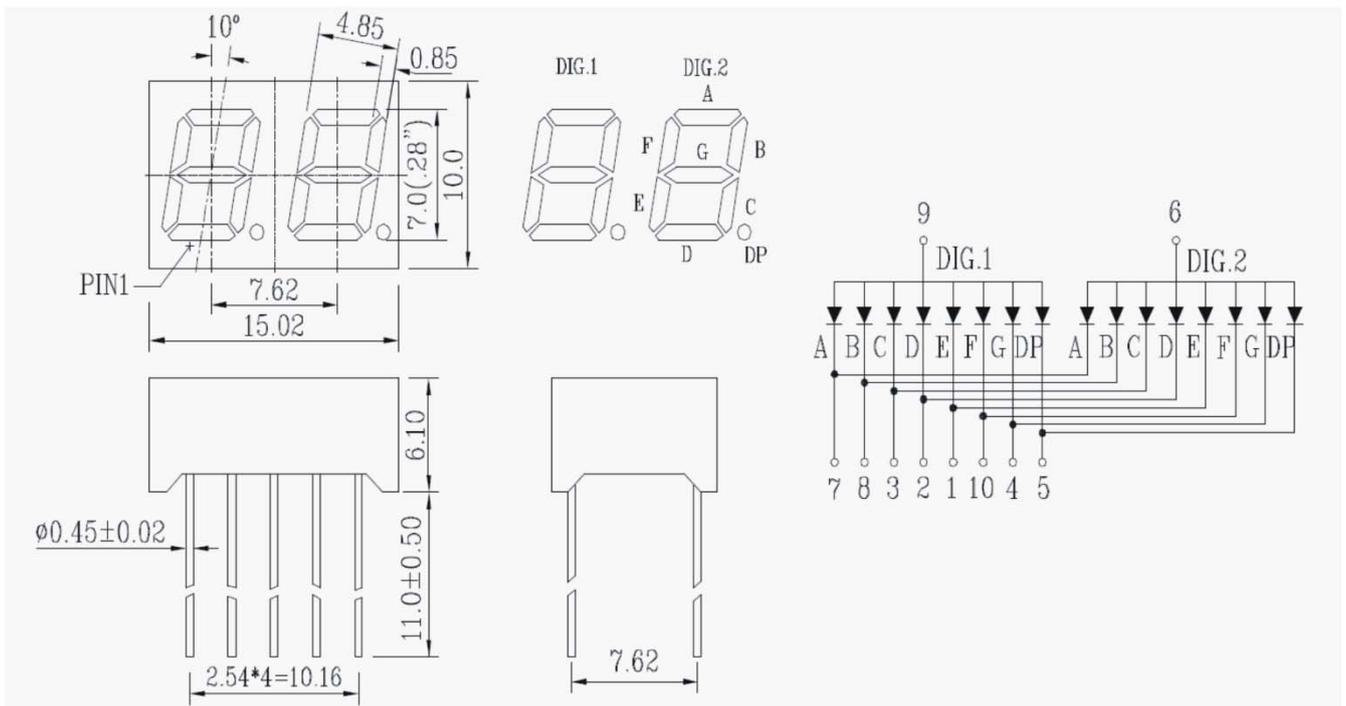
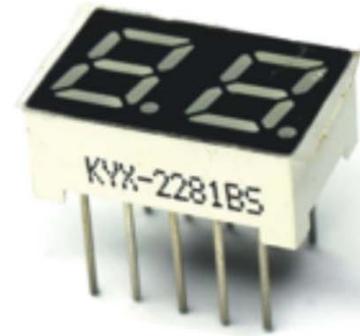
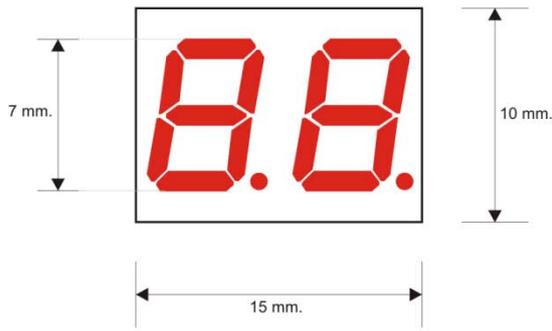
MAIN PCB layout (46 x 45 mm)



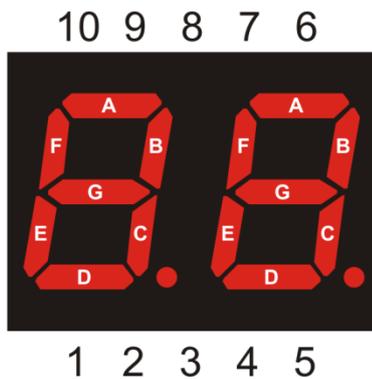
MAIN PCB layout (46 x 45 mm)



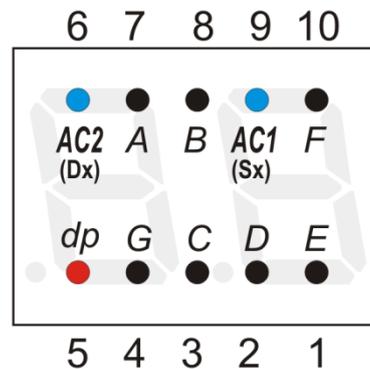
# DISPLAY 2281BS - 10x15 (0.28 inch digit / 7 mm.)

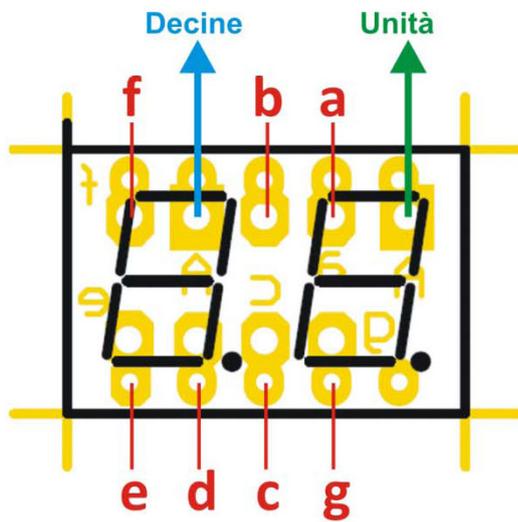


## FRONT VIEW

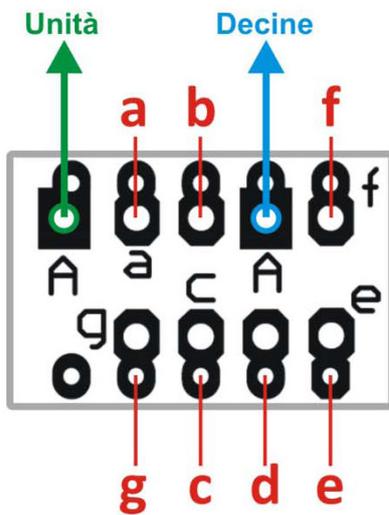
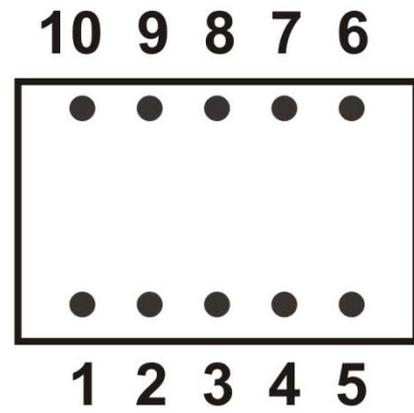


## REAR VIEW

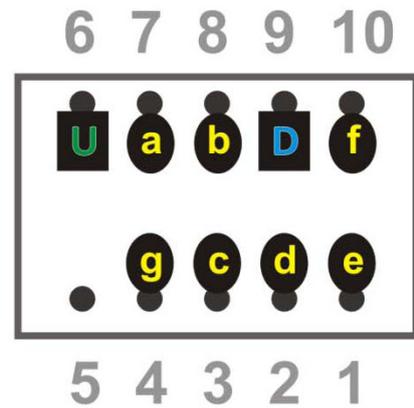




FRONT  
VIEW



REAR  
VIEW



### COMPONENTS LIST

C1	10u - 16V
C2	0.1 (X7R - SMD 1206)
D1	SM4005-DCO (SMD)
DS	Display TOD-2281BS (A.C.)
M1	Terminal screw (5mm)
M2	10 way male JST XH 2.50
MX	Strip 2.54 (ICSP only)
Q1 - Q2	BC327
R1 - R2	5k1 (SMD 1206)
R3...R9	330 ohm (1/4 watt)
R10...R12	10k (1/8 Watt)
S1 - S2	Tactile Switch (2 pins)
U1	PIC 16F628A
U2	TS2950 (5V/150mA reg.)

# Power Supply

9-12 Vcc (50mA max.)

