

theremino

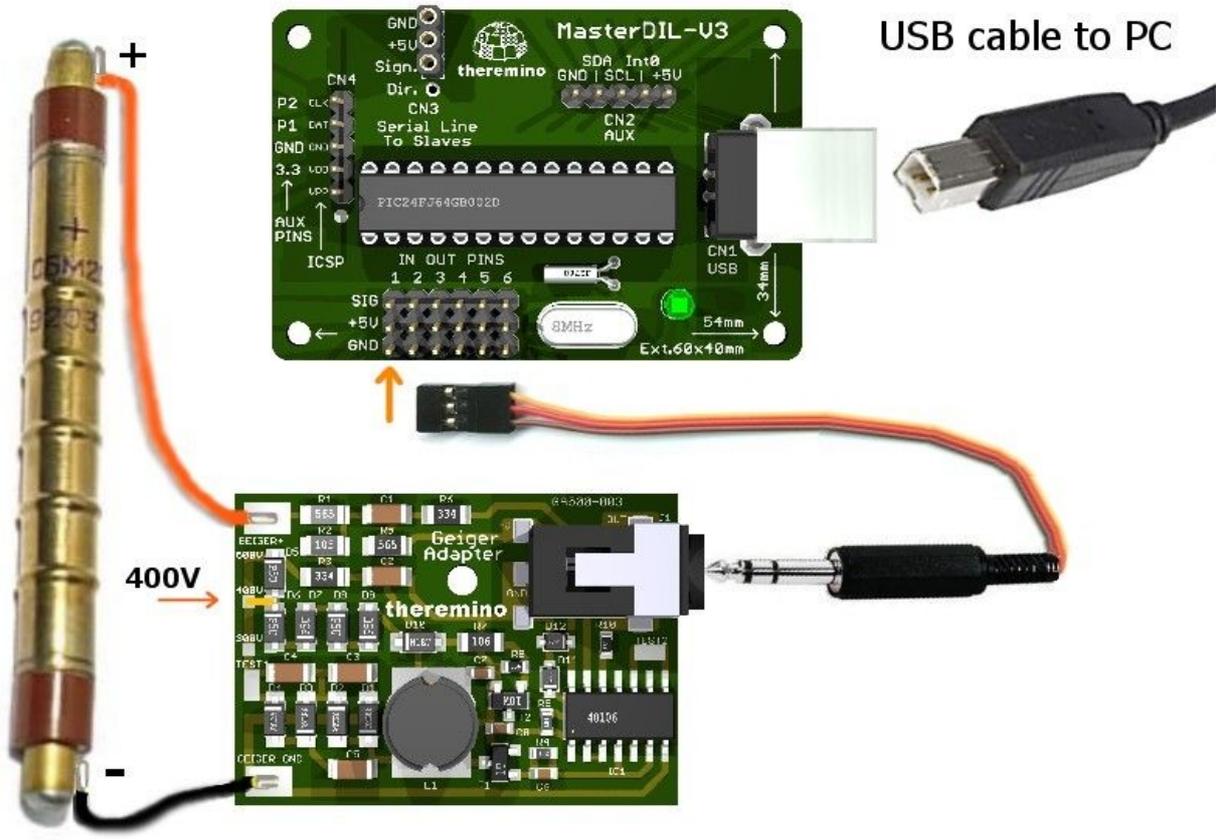
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GA500

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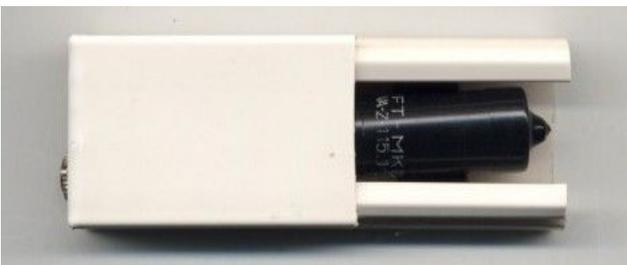


GeigerAdapter

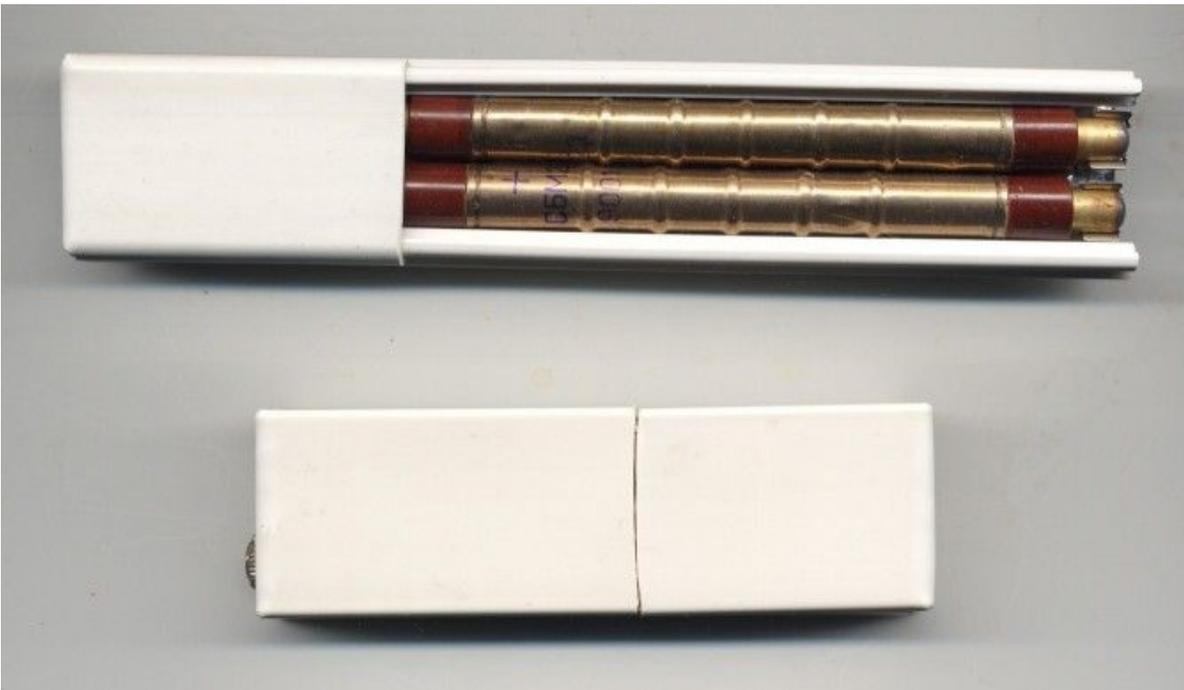
Geiger Adapter - Scheda prodotto - 29 gennaio 2013 - Page 7



2 SBM20



VA-Z 115.1 LND712

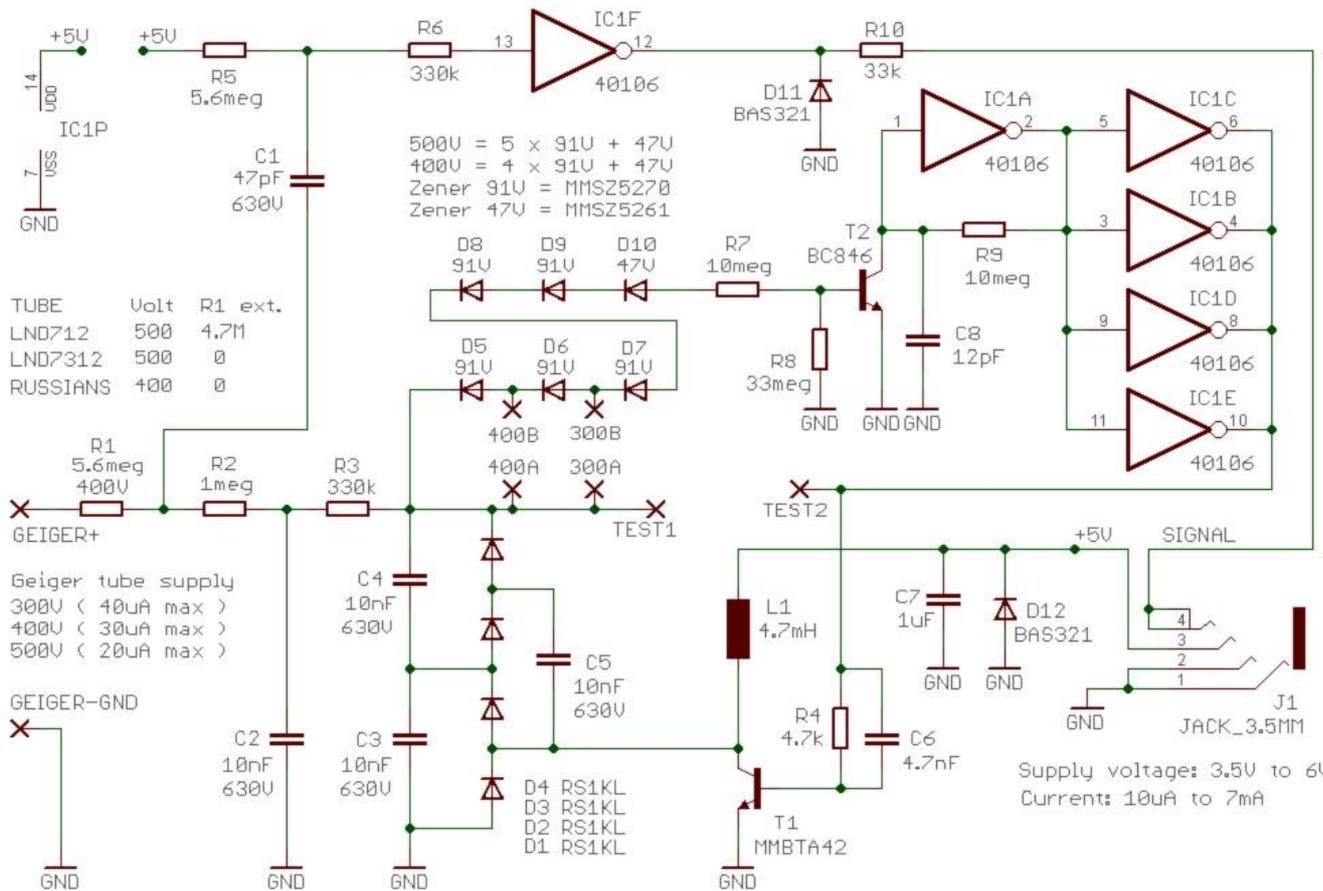


2 LND712 LND712

STS-5 SBM-20 "Scame WADO 30x15mm"

www.scame.com

LND712 18mm



IC1P

500V = 5 x 91V + 47V
 400V = 4 x 91V + 47V
 Zener 91V = MMSZ5270
 Zener 47V = MMSZ5261

TUBE	Volt	R1 ext.
LND712	500	4.7M
LND7312	500	0
RUSSIANS	400	0

Geiger tube supply
 300V (40uA max)
 400V (30uA max)
 500V (20uA max)

For LND712 and some other tube add R1 external

TEST 1: 300, 400 or 500V
 (+/-5% from -30C to +90C)
 (use probe > 100 mega ohm)

TEST 2: PulseTime = 45uS (trimmable with C8)
 (If <40uS or >50uS the no-load current increases and the max-load voltage decreases)

R1R2R3C2

C3C4D1D2D3D4T1L1

ONOFF

600

50

D5D6D7D8D9D10R7R8T2

UA

C8R9IC1A

40uA

45US

IC1BIC1CIC1DIC1ER4C6

T1

C1R5R6

IC1F

D11D12R10C7

DIY GeigerAdapter

SMD

800 1500 C3 C4 C5 MJE13003 T1
C1 C2 1400

SMD D1 D2 D3 D4 RGP02-20

1 2 R7 R8 1
10 150 UA UA

100 10 1

mV 100 Hz

" 100uA 10uA

" 10"

