

Фонарик без батареек Transcript - English.txt

00:00
Hello everyone somore
00:02
wanted to say
00:03
then plan
00:06
to do here is a
00:07
more serious Lanternbut
00:08
that is LED
00:09
dismantledand
00:10
I was there poisoned
00 11
yes that is the cover
00:12
is open
00:12
Now I disassembled
00:13
a fee that's straight
00:14
settings you can
00:16
attach will be here
00:17
here connecting I
00:18
think you remember my
00:19
flashlightthat 1
00:21
showedNow it was
00:22
just the
00:22
spotlight
00:23
only the spotlight
00:25
in his yes than minus
00:27
he then lit up the
00:28
not at full brightness
00 29
so that you have it
00:30
Casal Camping itThou

00:31
burn up 9 volts to him
00:33
supplied and is 200
00:35
mA
00:35
consumption now
00:36
that's spotlight was
00:37
so that is 9 volts
00:39
does not consume a lot and
00:41
lights but as it
00:42
burns brightly visually
00:44
actually that is
00:44
a flashlight then
00:45
sucks worked here
00:48
and used this
00:49
one's for my
00:49
transformer unless
00:51
am wrong in my opinion is
00:52
he's here, he twisted
00:54
his there is a foil
00:56's
shorter that's
00:58
here is the old
00:59
lantern used
1:01
to be here this trans
1:02
normal ie
1:04
its pglued
1:06
to pull out all of here and
1:07
do so now

1:10
what he wanted to say
1:11
then go there
1:12
scheme will tell you how
1:15
to collect the flashlight
1:16
unfortunate that
1:17
one can not in any way
1:18
gather as much place
1:20
IC 74-c14
01:22
which I have
1:23
used here
1:24
can be used
1:25
easily confused yes it
1:27
is, if you want to but
1:29
the only thing that's
1:30
I 74 14 worth so then
1:33
I had to have a
1:33
stabilizer 5
1:35
volt plug that's it
1:36
but the reason is that if
1:40
suddenly something here
1:42
like voltage
1:43
drives off somewhere so then
1:45
there is you yourself
1:46
understand cleanliness
1:47
goes instantly and
1:48
respectively fan

1:50
goes out to the dogs
1:50
canine what for it
1:52
is necessary that there is not a
1:54
suitable means so
1:56
that even under this scheme
1:57
this scheme all painfully
1:58
familiar to so to say
1:59
my and everyone knows
2:01
she walks perfectly
2:02
in the network something that she had not
2:04
to finish right now,
2:05
I'll show you what it means to
2:07
here's parallel to
2:08
the coil is
2:09
chosen somewhere
2:11
capacitor 100 peak
2:13
and the above depends on the
2:15
purity of the and here
02:17
necessarily
2:17
parallel and emitter
02:19
collector worth diode
2:21
but preferably p-p cu
02:22
some stick
2:23
I had Faraday
2:25
yes it is and it is a pity
2:27
to spoil the fee was

2:28
so I just
02: 28
transistor inmode
2:29
diode stuck on
2:32
mean here that's
2:33
not garbage collect
2:34
it does not necessarily
2:35
have to completely
2:36
we LEDs
2:38
are powered directly from here
02: 39
of the coil 2 here
2:41
it is so what is and what is
2:43
the most important means to
2:46
Now this capacitor
2:47
thousand microfarads
2:48
here he is thousands of
2:50
I have here, too,
2:51
is now 1000 worth of
2:52
because all early do
2:52
say something I've been
2:53,
and they star some here
2:55
who are and fine guys
2:57
damn are not friends with the
2:59
head I swear you
3:00
know as well as they star
03 01
charged here is a
3:02
crown let's

3:04
try to charge and
3:05
they star crown he
3:06
quickly rechargethen
3:08
therefirst circuit
3:09
willandthen he
3:10
gradually begins
03: 11
to go up and you
3:11
look at all like
3:12
runningand they star the
3:15
day Estheris notbut
3:16
I'mold pancakes
3:18
Estherso you
3:20
go on like this at
3:24
the scheme has already lost until
3:25
thenswore
3:26
thenhere diodes yes
3:28
ie diodeshere
3:30
written58 19 I would like
3:33
would not put 5081stands
3:35
thenin the scheme's
3:37
he is one the 58 February 19
3:39
powerful standing strong
3:40
samozapitka worth
3:41
this stands on the diodes
3:44
so that is whylike
3:47
it istois the way and

3:50
even parallel
3:52
diodeso that is
3:54
parallel diode
3:55
then I have a resistor 120
03: 57
th Stoi foton it so there
3:59
should capacitorit's
4:00
capacitor me
4:01
hanging herethis
4:02
capacitor
4:03
you just take
4:05
diodes as the diodes to
4:07
to get done if
04 09
you'll heifer
4:11
to do so ie
4:12
by the arrow itthe diode
4:14
is possible to place
4:15
just say this
4:16
right if like
4:18
meso that is my
4:19
here they are parallel to
4:22
everything well then just
4:25
put in parallel3
4:26
diode 4 diodeI do not
4:28
know cuppatini step and
4:29
that's the main thing here
4:31
this capacitor's

4:32
but that's it that's it from me
4:34
this is worth a thousand
4:36
microfarads twenty
04 37
five volts
4:38
whybut I
4:40
now I have replaced
4:41
2200was recommended
4:43
to put more he
4:44
keepsthenie
4:45
if something happens
4:46
that is ittime to
4:48
if you keep
04: 4 9
ferromagnets something
4:51
happens
4:52
something wrong yes
4:53
there but it so happens that
4:54
this thing is now
4:56
let us tell you
4:57
about how this whole thing
4:59
that you configure
5:00
and then did not ask
5:02
what it means here
5:03
that'scrapforget
5:04
all that is, it's all
5:05
bullshitit's
5:06
correctchart

5:07
waveformmeans
5:10
that it is necessary to
05 11
apply and so it
5:14
all the things that you are now
5:16
seeing isto
5:17
only atcollapsed
5:18
state this here
5:19
garbageI tell
5:22
all those who want to
5:23
collectthis flashlight
5:24
yes it is and as it were,
05:26
who are interested
05:28
thenovels
05:30
told I
05:31
tellbecause
05:33
you are inattentive
05:33
Romanova call
05:35
forever and all that he has
05:36
rightswas also a lot of things
5:39
to tell just
5:40
no one understood
5:41
then our transistor
5:43
that it is almost
5:44
always open
5:45
respectivelyyou
5:46
realize that yes

5:47
here turns should
05 48
be many
5:49
Nowwell as a lot of8
5:51
flowers wire
5:52
so then necessarily
5:52
havethin
5:53
desirableso IApril 3
5:55
shookin the
5:57
04'sI was two wires
6:00
shook so that EU s at
6:01
I have not met
6:02
here these coils 3-4
6:04
so that all diodes
6:05
are parallel and
6:06
nation well, how would you
6:08
decide alreadythere
6:09
may be worried
06 10
wind and how much of
6:11
months of the month at
6:13
I got here
6:14
22 turns, and here, too,22
6:17
turns
6:18
means that the more
6:20
telling is such a
6:23
But if you Now
6:24
it'scrapdeployed

6:25
here is a garbage
6:26
will look like
6:28
this then it's in
6:29
the world we have our forelock
6:31
transistor base
6:32
that is it
6:33
closes that is
6:34
here
6:35
transistor is closed all
0 6:37
rest open
6:38
when it is open
6:40
means when it is
6:41
closed appears here
6:42
so that's an interesting
6:43
thing that's the most
6:45
important thing I'm not a southpaw
6:46
so sorry all
06 47
sloppy turns out here
6:48
here here is the most
6:50
important thing is there that
6:51
is happening at this
6:53
moment, when
6:54
transistor
6:54
so she close
6:55
went up is
6:57
a classic

6:57
resonance beyond that
6:59
when it's garbage
7:01
transistor
7:02
should be opened
7:03
to adjust the
7:03
duty cycle of the purity of to
7:06,
this time
7:06
happening here such
7:07
here but the garbagest
7:08
it should supposedly
7:10
close
7:11
Well, that is, in this
7:13
moment, back
7:14
magnetic field that
7:17
occurs when we
7:18
close the transistor
7:20
we are destroying
7:21
the magnetic field flies
7:22
flying the mood is all
7:24
back and as soon as we
7:26
turn on the magnetic
7:27
field resumes
7:29
Now this can be seen here at
07:32
this point,
7:33
here's in the place
7:34
deck Gromit will

7:36
be seen this is your
7:38
over a unit that
7:39
you want to say so
7:41
on what it means to
7:43
a process
7:45
followingwe
7:45
occurs when here
7:47
is of business you
7:49
caught
7:50
but then you just
7:52
it's allcollapse at
07:53
a bunch ofandyou get
7:54
here so Stella
7:55
grams here well and
7:57,
respectively, it is
7:59
will be open untilthat
8:00
there is only here at
8:01
is such a
8:02
waveform that is
8:03
it will be all as
8:04
tois the
8:05
correct operation of
8:07
if you are here and so
08 08
do well, and the launch of
8:10
as usual but that is
8:11
besides here

8:14
touch here it
8:17
works please at
8:18
it's all right
8:19
is no problem, he
8:21
shines and illuminates
8:24
cho like here at
8:27
chart
8:28
pozhaluysa and yes that is
8:30
the system works
8:30
works well and
8:32
I say this kid
8:33
capacitor should be
8:34
more put da
8:35
that is otherwise well here
8:38
it iscoder sits very
08: 40
quickly and have to tyrkat
8:42
this crown that it
8:44
was run
8:45
there you have it but it's
8:48
bauble on the
8:49
facta specific date
8:50
there isit simply as
8:51
a joke, I do not know
8:53
how much it will withstand this
8:54
core is not yet
8:55
checkedso to say

8:56
how much it will suffice
8:58
here that is
8:59
the core of this so
9:01
well, that's like until
9:02
the whole works day
9:03
worked in EPA's I
9:05,
was shooting at one video
9:06
nevertheless well as it
9:08
worked all I do not know
9:09
how much it will be
9:10
to work honestly
9:11
say do not ask
9:12
how much it look
9:14
to work here
9:15
at all, in principle,
9:17
shark stated that it
9:18
had an eternal torch
9:19
well, in principle, the whole
9:21
day today
9:22
fulfilled not anything
9:23
see happen
09 24
fall off of something
9:26
you know will think
9:27
or on an iron it
9:28
nail wind
9:29
will have to find the

9:30
effect ofor
9:31
well let's say
9:33
Alexander Romanov
9:36
sought not dial she
9:39
iron on
9:40
iron,this transformer
9:41
effect he
9:42
obtained means
9:43
to take the bolt to wind
9:45
it so that is
9:46
supposeand check
9:48
it to catch this effect
9:49
so that is why there are no
9:51
easily chuthere is
9:53
most generally shorter than
9:54
let all the rest
9:57
toso lazy
9:58
assholessay
9:59
that except
10:00
chatternothing else
10:01
can not but I
10:03
specific answer to
10:04
it now so that is
10:05
go to hell and that's all
10:07
the rest of the
10:09
radio amateurs

10:10

who give us something

10:11

as the saying

10 12

rich as they say

10:13

andin terms of live

10:15

electronics so that

10:16

there but as they say

10:18

ahead of the songluck

10:20

until all