

Win's next 10kV project, a 1us ramp

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2006-01/msg00927.html>

- *From:* Winfield Hill <Winfield_member@xxxxxxxxxxx>
 - *Date:* 5 Jan 2006 17:57:08 -0800
-

Over the years I've completed a number of projects involving roughly 10kV voltages: fixed sources, fast-shutoff, reversible programmable DC sources, precision-ramped AC sources at 300kHz to 1MHz with 10kV maximum amplitude, etc.

Now I'm challenged with a creating a moderately-precise (5%), programmable, fairly-fast 10kV ramp, of 1 to 50us in duration. It's floating on 3kV. The 1us-long, 3kV to 13kV ramp spec is tough, but may have a relaxed 5%-precision spec, provided it's repeatable. :-)

--
Thanks,
- Win
.

- *Follow-Ups:*
 - ◆ **Re: Win's next 10kV project, a 1us ramp**
◇ *From:* Rich Grise
 - ◆ **Re: Win's next 10kV project, a 1us ramp**
◇ *From:* Ken Smith
 - ◆ **Re: Win's next 10kV project, a 1us ramp**
◇ *From:* Jim Thompson
 - ◆ **Re: Win's next 10kV project, a 1us ramp**
◇ *From:* Sven Wilhelmsson
 - ◆ **Re: Win's next 10kV project, a 1us ramp**
◇ *From:* Fred Bloggs
 - ◆ **Re: Win's next 10kV project, a 1us ramp**
◇ *From:* John Larkin
 - ◆ **Re: Win's next 10kV project, a 1us ramp**
◇ *From:* Robert Baer
 - ◆ **Re: Win's next 10kV project, a 1us ramp**
◇ *From:* Frank Bemelman
 - ◆ **Re: Win's next 10kV project, a 1us ramp**
◇ *From:* Bob
 - ◆ **Re: Win's next 10kV project, a 1us ramp**

Win's next 10kV project, a 1us ramp

◇ *From: Joerg*

◆ ***Re: Win's next 10kV project, a 1us ramp***

◇ *From: Spehro Pefhany*

◆ ***Re: Win's next 10kV project, a 1us ramp***

◇ *From: John Larkin*

◆ ***Re: Win's next 10kV project, a 1us ramp***

◇ *From: Jim Thompson*

- Prev by Date: ***Re: A Very Dangerous Worm in Windows Metafile Images (WMF)***
- Next by Date: ***Re: A Very Dangerous Worm in Windows Metafile Images (WMF)***
- Previous by thread: ***good source for perf board***
- Next by thread: ***Re: Win's next 10kV project, a 1us ramp***
- Index(es):
 - ◆ ***Date***
 - ◆ ***Thread***