

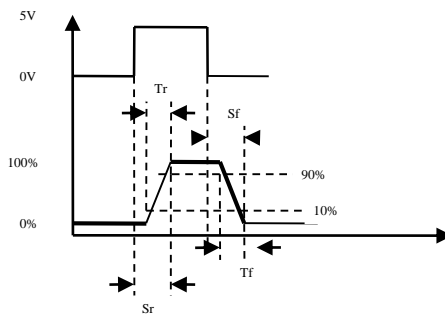
DC-5KHz Driver for NanoSpeed™ VOA

(patents pending)

Product Description

The NS VOA Driver provides driving signals for the NS series solid state VOAs. The push-pull output design ensures fast switching time for both rising and falling edges, and it is especially suitable for driving capacitive VOA loads.

The standard driver controls one individual VOA. Drivers that control multiple VOAs also are available, please call Sales at (781) 935-1200 for more information.



Features

- High Speed
- High Output Voltage
- Low Power Consumption
- Compact and Low Cost

Performance Specifications

Technical Specs	Min	Typical	Max	Unit
Response time (Rise) (Sr) ^[1]	200		250	ns
Response time (Fall) (Sf) ^[2]	200		250	ns
Repetition Rate	DC		5	kHz
Pulse width for pulse driving mode	1.0			us
Control signal for attenuation	0		5 ^[3]	V
Power Consumption ^[4]			1.5	W
Power Supply		12		V
Operating Temperature	-5		70	°C
Storage Temperature	-40		80	°C
Electrical Connector	SMA			
Board Size	2.8(L)x2.0(W)x1(H)			Inch

Note:

[1]: Response time (Rise): Begin of electronic signal to the completion of optic intensity change.

[2]: Response time (Fall): Begin of electronic signal to the completion of optic intensity change.

[3]: For full attenuation in VOA

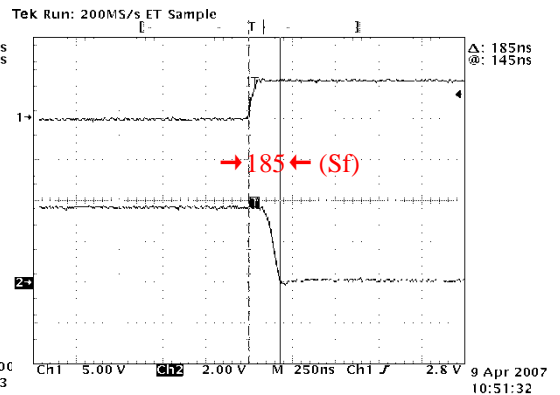
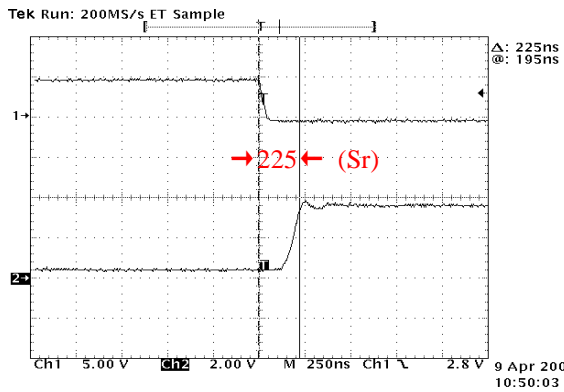
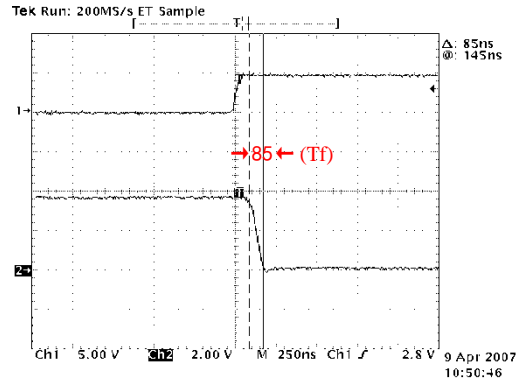
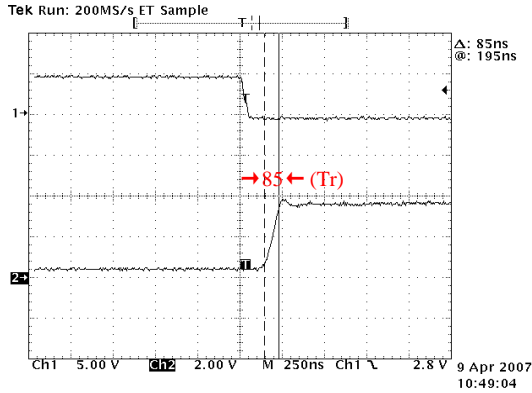
[4]: Dependent on repetition frequency. Measured for the attenuation > 20dB at 5 kHz.

Applications

- Optical VOA
- EO Device Driver
- Piezoelectric Driver
- Pockel Cell Driver

DC-5KHz Driver for NanoSpeed™ VOA

Response Measurement



Ordering Information

NVDR-	1 1	1	2	<input type="checkbox"/>	1	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
	Type	Repetition		Size		# of VOA	Connector
		DC-5KHz=1		2.8"x2.0"x1"=2 Special=0		1 VOA=11 Special=0	SMA=2 Special=0