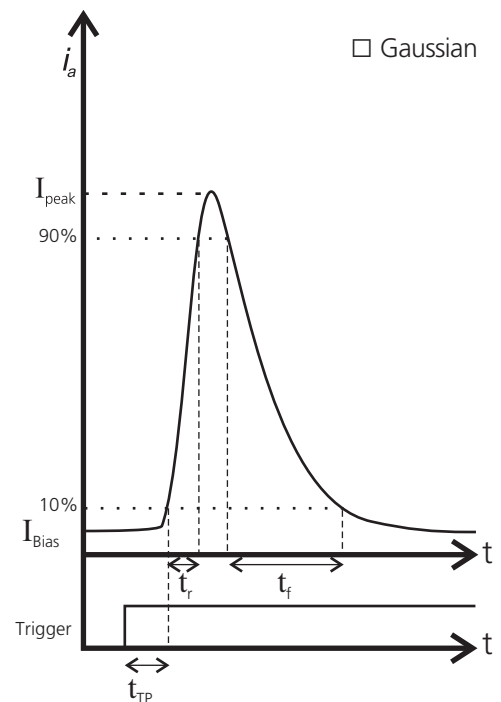
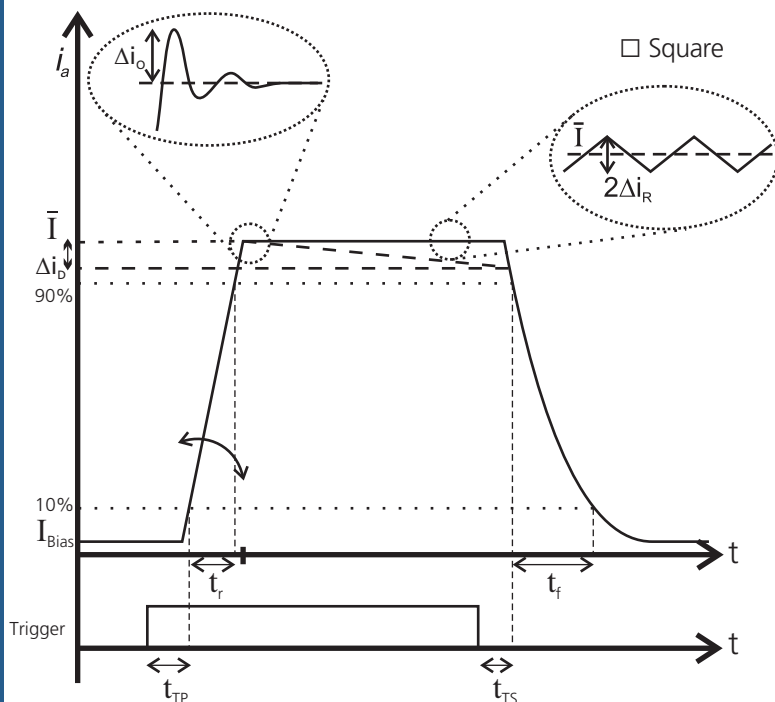


Pulse Driver Parameter Worksheet

<input type="checkbox"/> Request	<input type="checkbox"/> Client	Company:
<input type="checkbox"/> Exhibition report	<input type="checkbox"/> Interested Client	Contact:
Date:		Address:
Contact at PicoLAS:	<input type="checkbox"/> Supplier	Country/Postcode/City:
		Phone/Mail:

Parameter	These minimal values should be achieved	These minimal values MUST be achieved	These maximal values MUST be achieved	These maximal values should be achieved	e.g. Comments?
Pulse width:		Min:	Max:		<input type="checkbox"/> Adjustable / <input type="checkbox"/> Fixed <input type="checkbox"/> qcw / <input type="checkbox"/> cw?
Rise-time:		Min:	Max:		<input type="checkbox"/> Variable?
Fall-time:		Min:	Max:		<input type="checkbox"/> Variable?
Trigger to Pulse Delay t_{TP} :		Min:	Max:		
Trigger to Stop Delay t_{TS} :		Min:	Max:		
Reprate:		Min:	Max:		<input type="checkbox"/> Single pulse?
or: Duty cycle:		Min:	Max:		
Current (\bar{I} or I_{peak}):		Min:	Max:		Tolerance: Max. overshoot: __% (Δi_o) Max. ripple: (Δi_R) Max. Droop: (Δi_D)
BIAS		Min:	Max:		
Analog Modulation:	Amplitude:	A		At Bandwith:	kHz
Voltage:		Min:	Max:		
or: avg. power:		Min:	Max:		
or: Diode/Typ:	Number of elements:	<input type="checkbox"/> Sgl. Em; <input type="checkbox"/> MaxiCh; <input type="checkbox"/> Short-Array; <input type="checkbox"/> Array; <input type="checkbox"/> QCL			
Connection between driver and LD:	Length:	Min:	Max:	Type:	
Current Monitor:	Resolution:	A/V		Accuracy:	% <input type="checkbox"/> Ground referenced
Controlling - Interface:	<input type="checkbox"/> Analog / TTL <input type="checkbox"/> RS 232		<input type="checkbox"/> PLB-20	<input type="checkbox"/> PLCS	<input type="checkbox"/> Other:
Driver shape:	<input type="checkbox"/> OEM - open frame		<input type="checkbox"/> OEM	<input type="checkbox"/> Housing	
If housing, please specify:					
Approvals required:					
Supply needed/available?				Existing DC-Grid: _____ V	
Demanded/when?				Amount p.a.:	Project status:



Grid area for technical drawing or calculation.



Legend:

- Controlling: Specify the controlling interface of the unit
- Max. current overshoot: How much percent of the final current is allowed?
- Current droop: Some modules have a current-sag (droop) during the pulse. How much is allowed?
- Current ripple: Switching noise during the pulse
- Existing DC-Grid: Is there an existing DC supply which will be used together with the driver?

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