

Request sheet for PPxx device

#	Subject	Request	Unit	
0	Type of pumping laser		-	
1	Type of conversion (SHG, SFG, DFG, OPO, OPG, OPA)		-	
2	Type of Material (PP-MgO:CLN/SLT)		-	
3	Type of Device (Bulk, Waveguide)		-	
4	Type of QPM grating period (single, multiple, chirped, APLN, fan-out, others)		-	
5	QPM grating period if any		um	
6	1st input source	CW	Wavelength	nm
			Line-width	nm
			Pump power	mW
		Pulse	wavelength	nm
			Peak power	W
			Average power	W
			Pulse energy	mJ
			Rep rate	Hz
			Pulse width	ns
			Pulse shape (Gaussian, Sec...	-
Transform-limited pulse	Yes/No			
7	2nd input souce if applied (SFG, DFG, OPA)	CW	Wavelength	nm
			Line-width	nm
			Pump power	mW
		Pulse	wavelength	nm
			Peak power	W
			Average power	W
			Pulse energy	mJ
			Rep rate	Hz
			Pulse width	ns
			Pulse shape (Gaussian, Sec...	-
Transform-limited pulse	Yes/No			
8	Expected output wavelength		nm	
9	Expected output power (minimum)		mW	
10	Output needs to be Transform-limited pulse		Yes/No	
11	Chip Dimension (L) x (W) x (T)		mm^3	
12	Phase-matching Temperature		degree C	
13	Focusing condition if any (form)		-	
14	Focusing condition if any (size in diameter)		um	
15	Polishing	Input facet (S1) -flat or angle	degree	
		Output facet (S2) -flat or angle	degree	
16	AR coating if any	Input facet (S1)	nm	
		Output facet (S2)	nm	
17	Waveguide Pigtailing - Fiber	Input (SMF, PMF)	nm	
		Output (SMF or PMF)	nm	
Note: SMF-Single Mode Fiber; PMF-Polarization Maintained Fiber				
18	waveguide Pigtailing - Connector	Input (FC/APC, FC/PC, others)	-	
		Output (FC/APC, FC/PC, others)	-	
19	Quantity		unit	
20	Oven & Temperature controller		Set	
21	Other request		-	