

Changes in timeline/project description

After the 3 month delay we are starting now the second QUAD production. The production of chips with InGrid has been very successful. The two low yield wafers that have been processed gave 74 good chips, 13 moderate and one bad chip, all having good electrical performance. This is sufficient for more than 20 QUADs.

Overall project status in checkboxes

Green	Yellow	Red
X		

Overall percent complete or percentage progress made

2nd prototype production starting now.

Comments on the project's progress

What progress/milestones have been achieved since last update?

We are starting the performance measurements of a single QUAD in a laser setup. The design of a testbox for 2 x 4 QUADs has been finished (Auke).

Are your upcoming milestones on track or not?

We expect to build the 2 x 4 QUAD testbox in about 3 months. The testbox is needed to get experience in producing and performance of a multi-QUAD system. At present we do not see problems with the production of the QUADs for this.

What unresolved technical issues is the project experiencing?

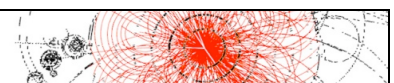
None

Future risks?

There are no serious risks foreseen.

Which topics have to be discussed at OPP? What assistance does the project need from management?

None this year.



Project: LepCol QUAD, Gerhard Raven and Fred Hartjes

Manpower planning QUAD/Lepcol 2018

task	person	start month	dur. ET (wk)	dur. MT (wk)	dur.var (wk)
production 15 PCBs	industry	done			
manufacturing QUAD mechanics	Oscar van Petten	jul-18		4.0	
QUAD assembly	Fred H	jul-18			pm
wire bonding	Joop Rovekamp/ Dimitri	aug-18		2.0	
production central guards	Jean/Paul	jul-18	0.5		
design multiple QUAD testbox	Auke K/Fred H	done			
Manufact. mult. QUAD testbox	Oscar van Petten	aug-18		3.0	
Manufact. mult. QUAD testbox	Jean/Paul	aug-18	0.5		
programming concentrator	Bas	aug-18	4.0		
Design power board	Bas	Jul-18	1.0		
total			6.0	9.0	

