

Risk Register & Control Report

Project Name		Tera-Pixel APS for CALICE				Progress Date	30/4/08		
Risk No.	Description	Probability	Impact	Mitigation Strategy	Previous Status	Current Status	Date Closed	Risk Owner	
1	Access to technology for ASIC1.1 and future projects	Possible	Major problem	Discuss with foundry changes to initial programme (requiring second MPW run, and postponement of full-wafer run).		Amber		RT	
1b	Supplementary note: Foundry availability (see file)	Possible	Major problem	Identify secondary option from Tender exercise à extra costs associated is likely to restrict further submissions & future projects	Amber	Green		RT	
2	Error in design	Possible	Major problem	Thorough check of design before submission to foundry. Intermediate design reviews as set out in project management plan.		Green		JC	
3	Error in CMOS processing	Rare	Major problem	Choose state-of-art foundry. Mitigate risk through firm contract so foundry pays for repeat run as soon as possible		Green		Foundry subcontractor	
4	Test failure/delay	Possible	Major problem	Start preparing test not later than chip submission. Agreement of test specification document at PDR.		Green		PD/RT/MT/NW	

5	Personnel leaving	Possible	Major problem	Provide support, good working environment and career prospects. Ensure adequate documentation of progress and direction to minimise disruption to project in event of personnel leaving.		Green		PD/RT/MT/NW
6	Error in specifications	Possible	Moderate	Invite external reviewers to PDR. Ensure adequate time between publishing documents and holding PDR for all concerned to fully read and query documents.		Green		JC
7	Budget overrun	Possible	Moderate	Costs dominated by sensor fabrication; negotiate cost for both runs from start to ensure total within budget. Keep other costs regularly reviewed		Amber		PD/RT
7b	Budget cuts	Possible	Major problem	Has already happened (not foreseen!) resulting in change to project plan: Funding is now agreed for the continuation/conclusion of the project.	(new)	Green		PD

Ratings: **Low** **Medium** **High** **VHigh**
Probability: rare possible likely almost certain
Impact: minor moderate major problem catastrophe
Risk status: Red = Active & impacting project; Amber = Active but contained without impact to cost & schedule; Green = not yet active.