

MPPT Implementation					
		A		B	
		Analog		Dedicated MPPT IC	
Selection Criteria	Weight	Rating	Weighted Score	Rating	Weighted Score
Complexity	10%	3	0.3	9	0.9
Radiation Tolerance	40%	3	1.2	1	0.4
Cost	5%	1	0.05	1	0.05
Quiescent Power	10%	1	0.1	1	0.1
Temperature Tolerance	10%	3	0.3	3	0.3
Response Time	15%	9	1.35	3	0.45
PCB Area	10%	1	0.1	3	0.3
Total Score		3.40		2.50	
Rank		1		2	
Continue?		YES		NO	

Track Power Point							
		A		B		C	
		Constant PV Voltage		V/I Slope		System Oscillatory Method	
Selection Criteria	Weight	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score
Efficiency	30%	3	0.9	3	0.9	3	0.9
Complexity	40%	3	1.2	1	0.4	1	0.4
Response Time	15%	3	0.45	1	0.15	3	0.45
PCB Area (if analog)	25%	3	0.75	1	0.25	1	0.25
Total Score		3.30		1.70		2.00	
Rank							
Continue?		YES		NO		NO	