
From: Curtis Ray
Sent: Tuesday, January 13, 2004 1:15 PM
To: Eric Grann
Subject: 1-13-04 design issues and goals.xls
Attachments: 1-13-04 design issues and goals.xls

	A	B	C	D	E	F	G	H	I	J	K
1											
2											
3					Pros	Cons	Product Cost	Development cost	Development Risk	Capital cost	
4	Hermeticity										
5			Silicon hermetic carrier								
6			need new optic								
7											
8			Flat pack								
9			Need capital equipment								
10											
11											
12			TO can								
13			need barrel optic								
14			Need alignment fixture								
15											
16											
17											
18											
19	Flex cracking										
20			Remove flex on Rx and Tx								
21	Detector Supply										
22			Check prices from Emcore			Curt					
23			Check Optospeed (Albis Opto) price			Curt					
24											
25	Filter Supply (have 1200)										
26											
27											
28	Reflector block thickness and supply										
29											
30											
31	Laser supply										
32		DFB									
33		FP laser w/ grating waveguides									
34		VCSELs									
35	New optic for Mux										
36		Same as current									
37		Barrel Optic									
38	Glue delamination										
39		New Glues									
40		Overmold									
41	New TIA for LOS										
42											
43											
44											
45											
46											
47											
48											
49											
ISSUES SPECS BOM vcsls BOM DFBs +											