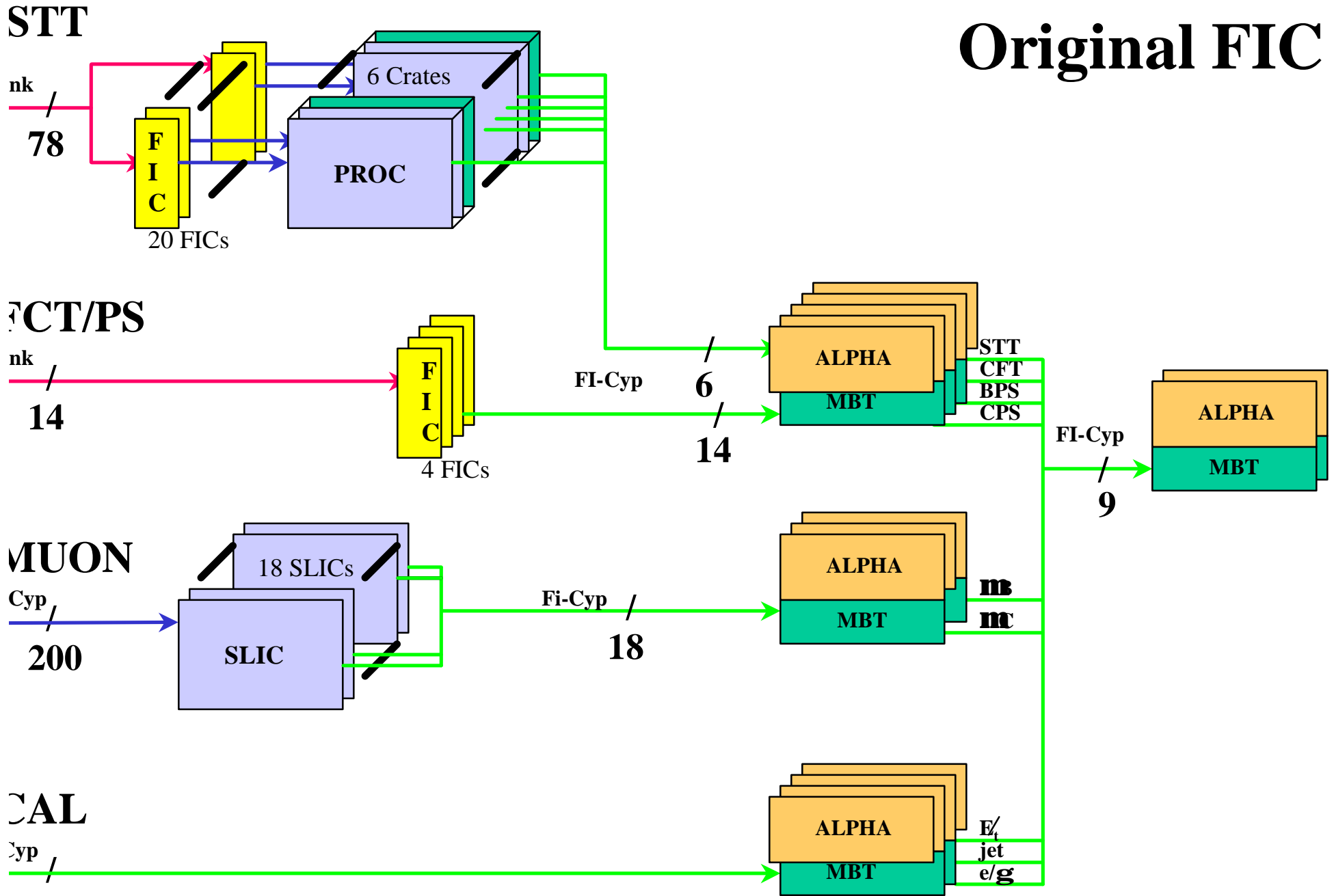


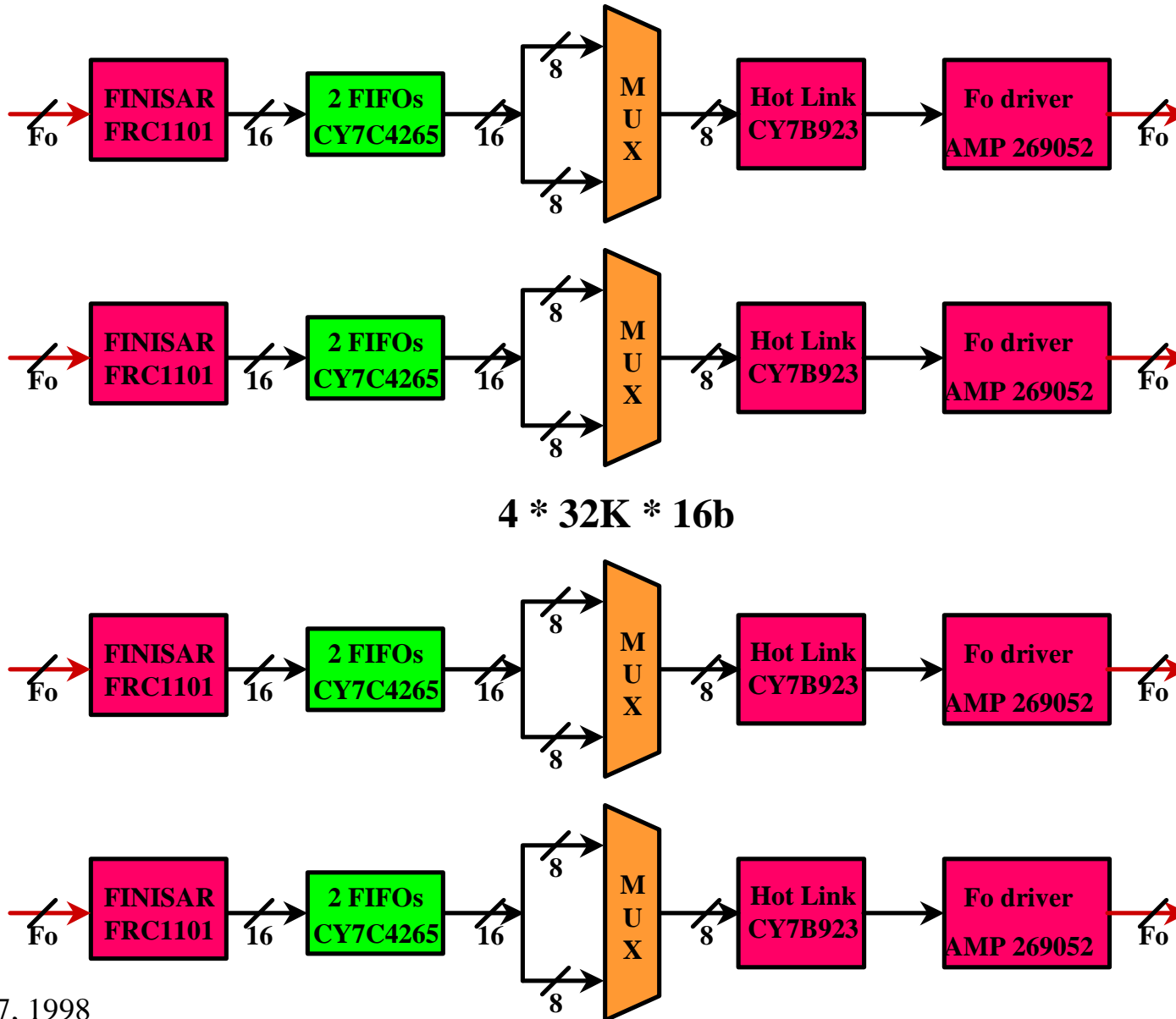
FIC

R. Bernard & J.F. Renardy
CEA/DSM/DAPNIA/SPP

Original FIC



Original FIC (4 channels)

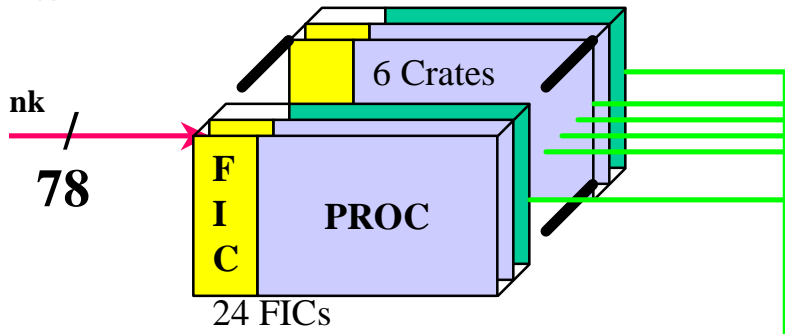


Original FIC Price (in French Francs)

- 4 Optical receivers = 32 KF
- 8 Fifos 16K*16b = 7 KF
- Other components = 6 KF
- Total for one unit = 45 KF

- Total (24 units) = 1 MF

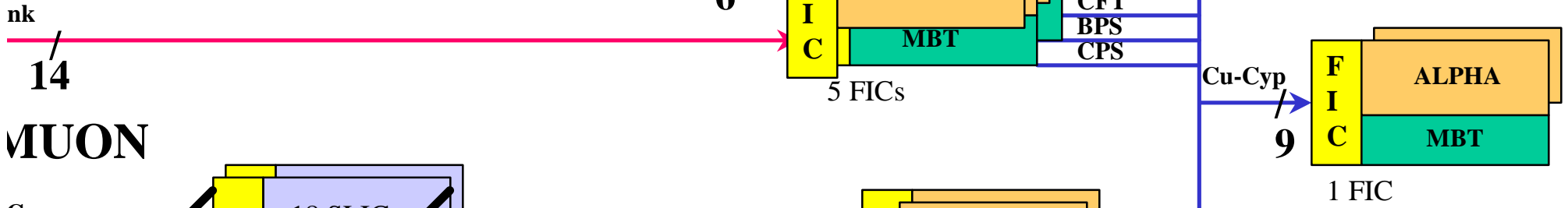
STT



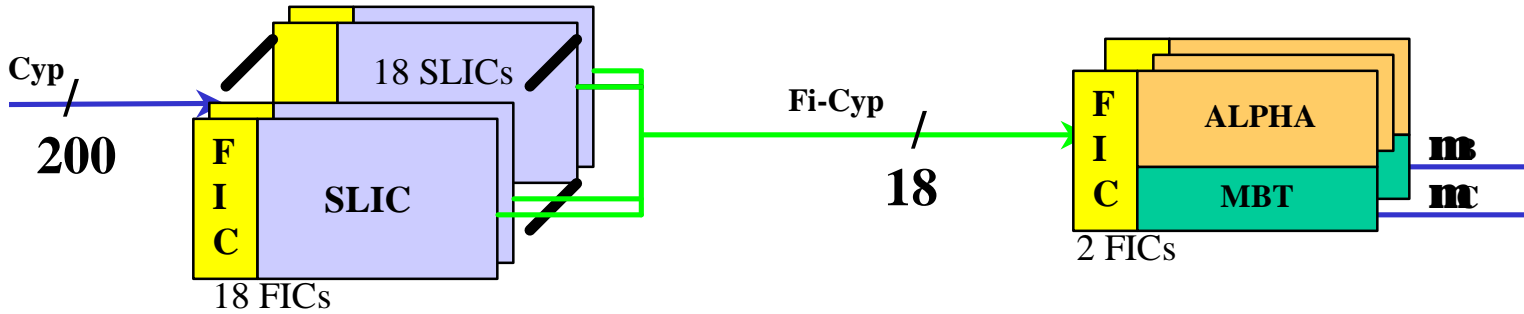
FIC Plus

28 FICs @ 4 G-Link
 5 FICs @ 8 Fi-Cyp
 19 FICs @ 16 Cu-Cy

FCT/PS



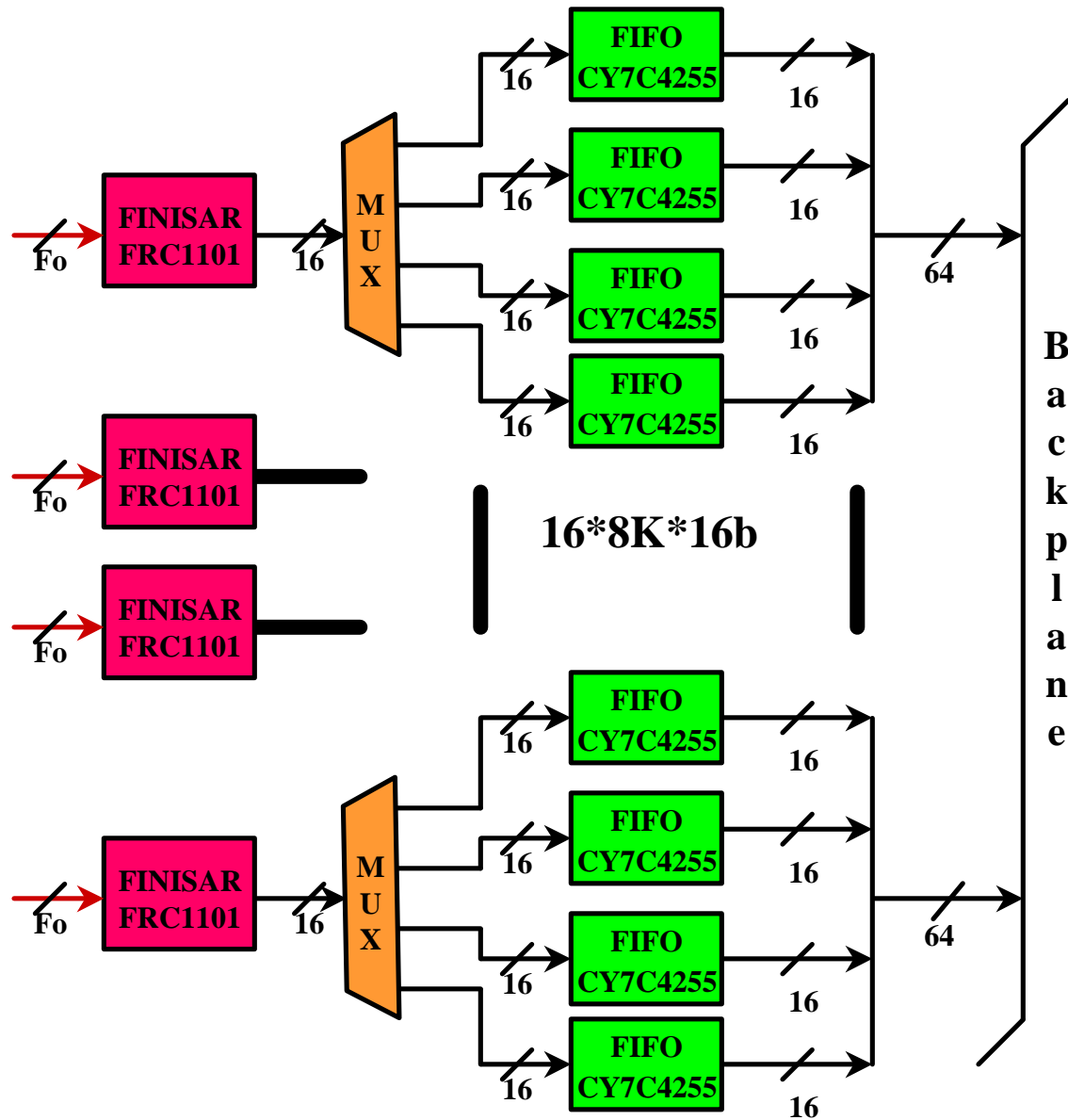
MUON



CAL



FIC Plus (4 G-Link)



Prices for FIC Plus

- Optical receivers = 32 KF down to 5 KF
- Fifos = 11 KF up to 28 KF
- Other components = 4 KF
- Total for 4 * G-link = 47 KF
- Total for 8 * Fi-Cyp = 27 KF
- Total for 16 * Cu-Cyp = 37 KF

- Total (52 units) = 2 MF

Overall Price Difference

- Suppress duplicate fifos = 170 KF
- Suppress serial links = 100 KF
- Suppress extra MBTs = ??

- Total > 250 KF

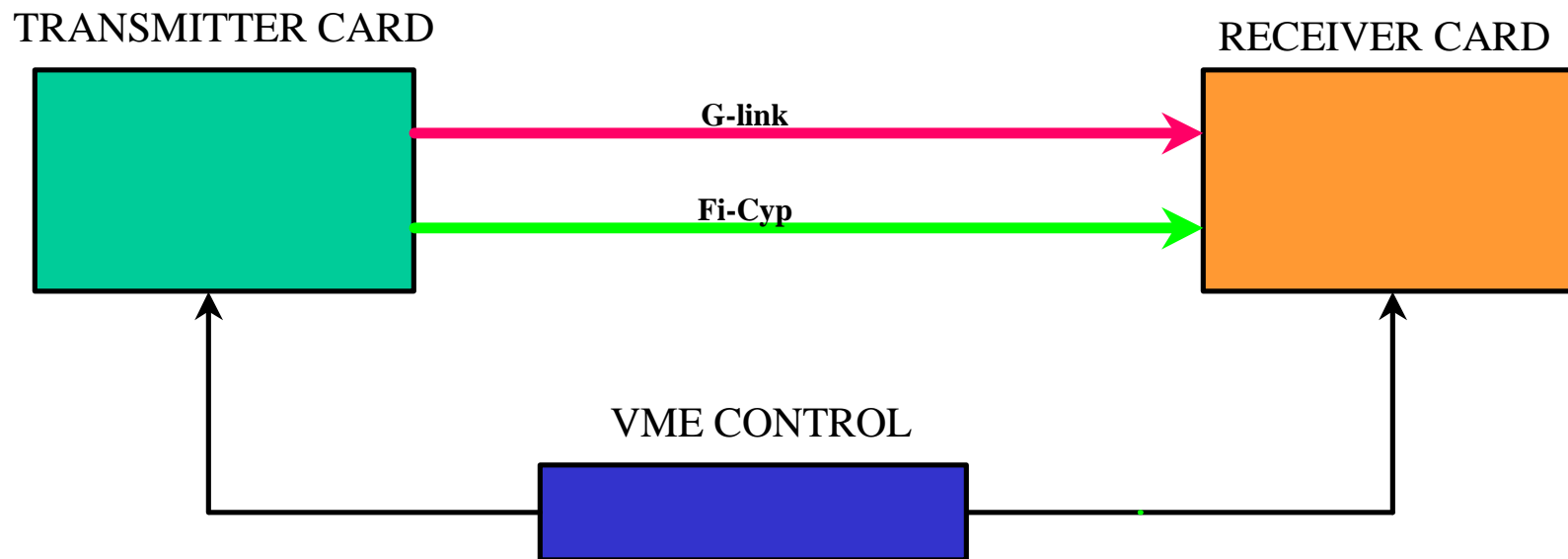
Schedule

- Demonstrator → May - October 1998
- Prototypes and Test set-up → Nov. 98 - May 99
- Production → June - December 99

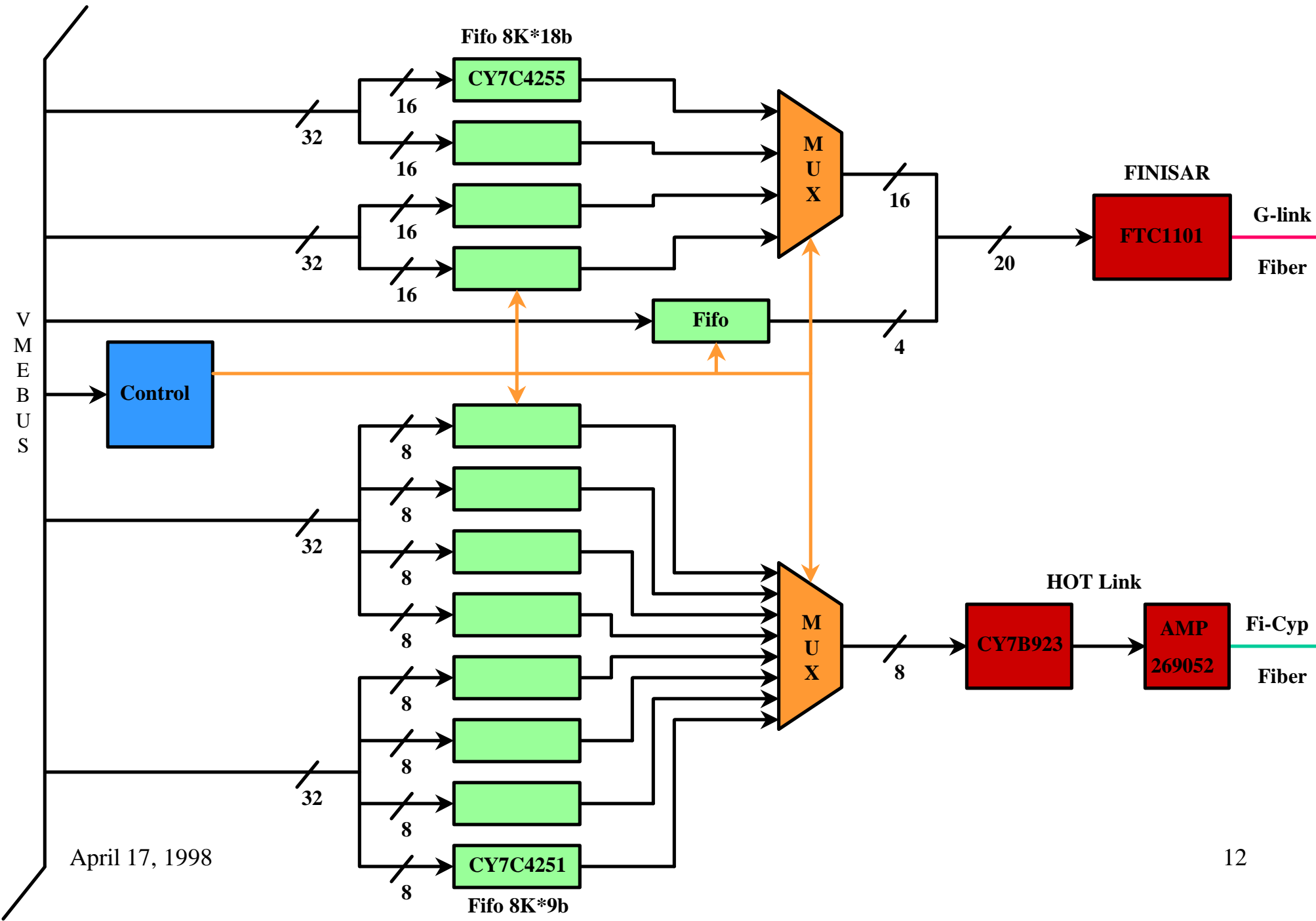
Demonstrator aim

- Familiarize with new optical links
- Test proposed components
- Verify interface specification
- Start test bench software

Block Diagram of FIC Demonstrator System

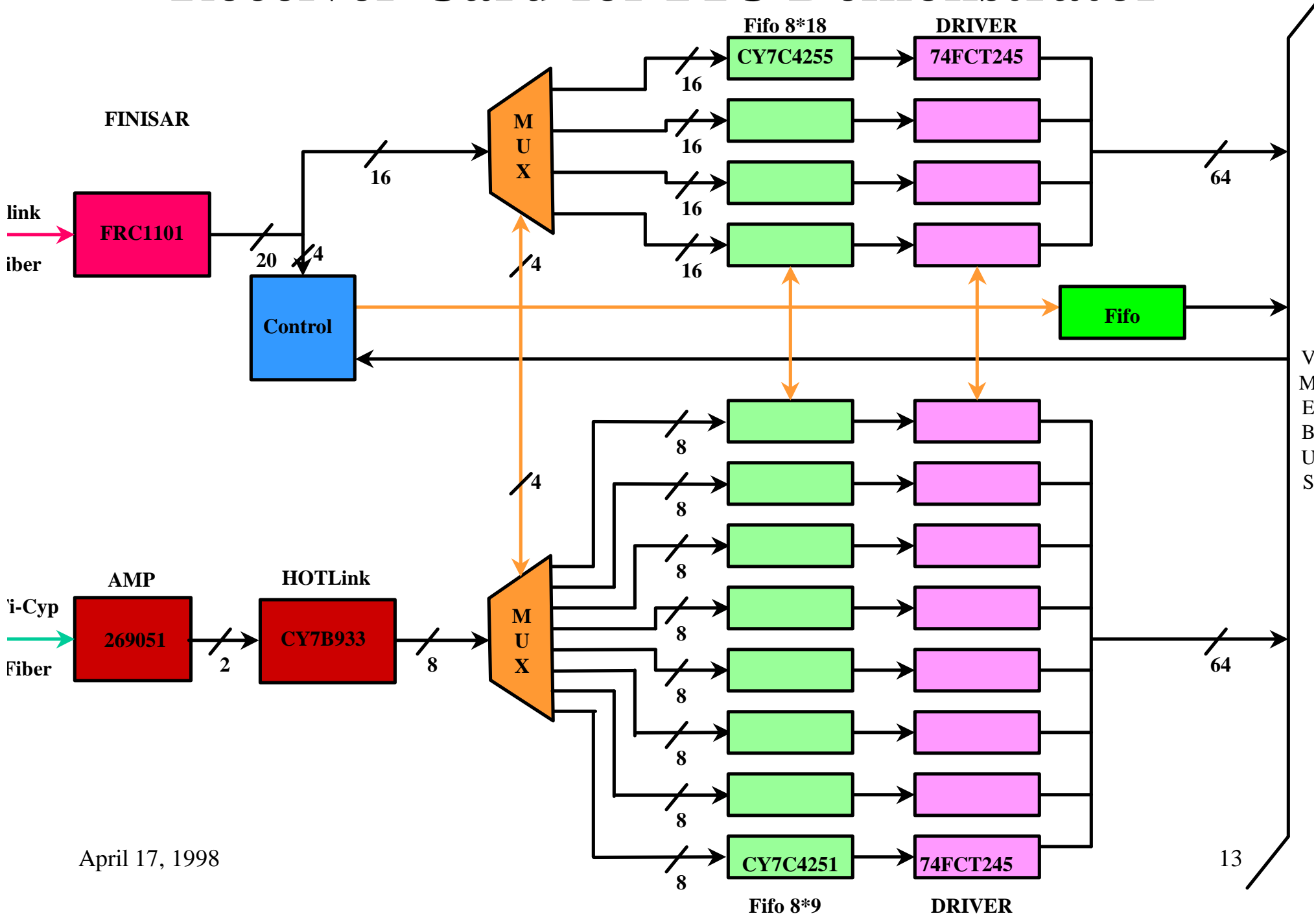


Transmitter Card for FIC Demonstrator



April 17, 1998

Receiver Card for FIC Demonstrator



April 17, 1998