



Department of Electrical Engineering  
Indian Institute of Technology, Delhi  
Hauz Khas, New Delhi 110016

NIQ no. IITD/EE/RP02968/IEC/5855

Due Date: 11.01.2017, 5 PM

**Notice inviting quotations for  
packaging of custom integrated circuit fabricated in a 0.18  $\mu\text{m}$  CMOS process**

Sealed/online/e-mail quotations are invited for packaging of custom integrated circuit fabricated in a 0.18  $\mu\text{m}$  CMOS process. The required specifications are given below.

**Required Specifications for packaging of custom integrated circuit  
fabricated in a 0.18 $\mu\text{m}$  CMOS process**

The custom designed microchips in AMS 350nm needs to be wire bonded to packages. The specification of the packages are as follows:

1. Package: Open cavity Pin Grid Array (PGA) Ceramic
2. No. Of pins: 84
3. Package size (one side ): 1.320 inches
4. Spacing between two corner pins (bottom view): 1.210 inches
5. LID size (internal): 0.680 inches,
6. LID size (external): 0.740 inches
7. Pin size: 0.050 inches
8. Pin length: 0.190 inches
9. Spacing between two pins: 0.100 inches

**Dr. M. Sarkar**  
(Chairman, purchase committee)

## Terms and Conditions

1. The quote should reach the following address on or before **11.01.2017, 5 PM**.  
Dr. M. Sarkar  
Electrical Engineering Department  
Block II, Room 333  
IIT Delhi, Hauz Khas  
New Delhi, 110016
2. Please quote prices for FOB New Delhi, inclusive of all taxes and duties.
3. Quote should be in Indian Rupees for agents of Indian manufacturers, or in foreign currency, for agents of foreign manufacturers, and needs to be valid for at least three months.
4. Please specify all of your terms and conditions clearly, including delivery period.
5. Mode of payment for purchases in foreign currency are through irrevocable letter of credit, or through wire transfer on delivery. Only bank charges within India are payable by IIT Delhi, all bank charges outside India are the responsibility of the seller. For purchases in INR, payment is on delivery.
6. The Institute reserves the right to accept or reject any or all quotations without assigning any reasons thereof.

**Dr. M. Sarkar**  
(Chairman, purchase committee)