Silicon Dicing- a Business Much Sought After by Julia Roger

Article published on December 14th 2011 | Business

Have you ever wondered what makes silicon dicing hugely popular among people? There are a number of special problems that arise during this process. The manner in which it is done might sound easy but, as a matter of fact, this is one process that requires many special techniques. Diamond dicing technique is one that has evolved with years of research work.

However, when you sit down to compare the silicon dicing and this variety; it is the latter that is well known for giving good results. This is particularly true with small chips coming in high stacks. The experts of this industry contend the dicing is generally with a set of skilled labor. These are trained personnel who have requisite amount of know-how and experience to undertake the task.

With the economy witnessing the slow death of recessionary trends, the demand for silicon wafer dicing has grown by many proportions. One of the reasons for such an increased demand can be seen in the availability of money at their disposal. Since more and more people now prefer to opt for this option, this has given rise to many types of dicing services. For instance, dicing Ceramics, Glass, Silicon and Quartz are some of the popular choices.

The silicon wafer dicing is also undertaken for embedded memory and stacked applications. During the entire process, there is one unique sort of problem that arises. When mechanical sawing is resorted to, this might give rise to backside chipping. As a consequence, to this, there might be a total reduction in yield and/or throughput. If you wish maintaining higher yields, you just have to keep one thing in mind â€“ slow down the sawâ€™s feed speed. The problem and intricacies involved with this process has been done away with by introduction of laser sawing.

Article Source:
http://www.articleside.com/business-articles/silicon-dicing-a-business-much-sought-after.htm - Article Side

Julia Roger - About Author:
For more information on a silicon wafer dicing, check out the info available online; these will help you learn to find the a silicon dicing!

Article Keywords:
silicon dicing, Silicon wafer dicing