



**Figure 1** The model of the ZigBee stack as the ZigBee Alliance defines shows the

respective scope of the IEEE 802.15.4 wireless definition and the section that the Alliance’s own work covers. The “customer” layer is the one on which your application software runs; it is also the one on which the forthcoming ZigBee profiles, such as building automation, security, and industrial control/automation, will reside. The Alliance estimates that the stack occupies about 32 kbytes of code space and will run on an 8051/HCS08/AVR/PIC8 class of machine (courtesy ZigBee Alliance).