



**CUSTOMER ADVISORY 9506  
ORDERING CODE CHANGE**

**Overview**

In May of 1994 Altera announced in PCN9404 that the EPM7256 was being transitioned to the EPM7256E and was pin, function and programming file compatible. In keeping with this strategy, Altera is now migrating the EPM7192, EPM7160, and EPM7128 to the EPM7192E, EPM7160E, and EPM7128E respectively which are also pin, function and programming file compatible.

**Details of Implementation**

Altera will continue to accept orders for the EPM7192, EPM7160, and EPM7128 until December 31, 1995. Final shipments will be scheduled before the end of March 1996.

Effective immediately, the following ordering codes may be used as direct replacements for the old EPM7192, EPM7160, and EPM7128 ordering codes:

**Ordering Codes to be Transitioned**

**Replacement Ordering Codes**

EPM7128LC84-20	EPM7128ELC84-20
EPM7128LC84-15	EPM7128ELC84-15
EPM7128LC84-12	EPM7128ELC84-12
EPM7128LC84-10	EPM7128ELC84-10
EPM7128LI84-20	EPM7128ELI84-20
EPM7128QC100-20	EPM7128EQC100-20
EPM7128QC100-15	EPM7128EQC100-15
EPM7128QC100-12	EPM7128EQC100-12
EPM7128QC100-10	EPM7128EQC100-10
EPM7128QC160-20	EPM7128EQC160-20
EPM7128QC160-15	EPM7128EQC160-15
EPM7128QC160-12	EPM7128EQC160-12
EPM7128QC160-10	EPM7128EQC160-10
EPM7160LC84-20	EPM7160ELC84-20
EPM7160LC84-15	EPM7160ELC84-15
EPM7160LC84-12	EPM7160ELC84-12
EPM7160LC84-10	EPM7160ELC84-10
EPM7160LI84-20	EPM7160ELI84-20



**Ordering Codes To Be Transitioned**

EPM7160QC160-20  
EPM7160QC160-15  
EPM7160QC160-12  
EPM7160QC160-10

EPM7192QC160-20  
EPM7192QC160-15  
EPM7192QC160-12  
EPM7192QI160-20

EPM7192GC160-20  
EPM7192GC160-15  
EPM7192GC160-12

**Replacement Ordering Codes**

EPM7160EQC160-20  
EPM7160EQC160-15  
EPM7160EQC160-12  
EPM7160EQC160-10

EPM7192EQC160-20  
EPM7192EQC160-15  
EPM7192EQC160-12  
EPM7192EQI160-20

EPM7192EGC160-20  
EPM7192EGC160-15  
EPM7192EGC160-12

Should you need additional information or assistance, please contact your local Altera sales representative.

Your cooperation is greatly appreciated.

Sincerely,

John Latimer  
Quality Systems Engineer