
E500 LAW & Coherency Module Device Tree Binding
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Local Access Window (LAW) Node

The LAW node represents the region of CCSR space where local access windows are configured. For ECM based devices this is the first 4k of CCSR space that includes CCSRBAR, ALTCCBAR, ALTCCAR, BPTR, and some number of local access windows as specified by fsl,num-laws.

PROPERTIES

- compatible
 - Usage: required
 - Value type: <string>
 - Definition: Must include "fsl,ecm-law"
- reg
 - Usage: required
 - Value type: <prop-encoded-array>
 - Definition: A standard property. The value specifies the physical address offset and length of the CCSR space registers.
- fsl,num-laws
 - Usage: required
 - Value type: <u32>
 - Definition: The value specifies the number of local access windows for this device.

E500 Coherency Module Node

The E500 LAW node represents the region of CCSR space where ECM config and error reporting registers exist, this is the second 4k (0x1000) of CCSR space.

PROPERTIES

- compatible
 - Usage: required
 - Value type: <string>
 - Definition: Must include "fsl,CHIP-ecm", "fsl,ecm" where CHIP is the processor (mpc8572, mpc8544, etc.)
- reg
 - Usage: required
 - Value type: <prop-encoded-array>
 - Definition: A standard property. The value specifies the physical address offset and length of the CCSR space registers.
- interrupts

ecm.txt

Usage: required

Value type: <prop-encoded-array>

- interrupt-parent

Usage: required

Value type: <phandle>

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