

# Übersicht MSP430-Controller

| Grundtyp | Speicher   |            |             |             |             | Peripherie (Module) |             |           |                 |      |      |      |      |      |      |      |     |
|----------|------------|------------|-------------|-------------|-------------|---------------------|-------------|-----------|-----------------|------|------|------|------|------|------|------|-----|
|          | Typ        |            |             |             | RAM<br>Byte | ADC                 | LCD<br>Seg. | Timer     |                 |      |      |      | UART | MPY  | I/O  |      |     |
|          |            |            |             |             |             |                     |             | WDT       | 8-Bit-<br>Timer | BT1  | T_A  | T_B  |      |      |      |      |     |
|          | EPROM      | OTP        | ROM         | FLASH       | KByte       |                     |             |           |                 |      |      |      |      |      |      |      |     |
| x111     | PMS430E112 | MSP430P112 | MSP430C111  | 2           | 128         | slope               | Nein        | Ja        | Nein            | Nein | 3    | Nein | S/W  | Nein | 14   |      |     |
| x112     |            |            | MSP430C112  | 4           | 256         |                     |             |           |                 |      |      |      |      |      |      |      |     |
| x1101    |            |            |             | 1           | 128         |                     |             |           |                 |      |      |      |      |      |      |      |     |
| x1111    |            |            |             | MSP430F1101 | 1           | 128                 | slope 1)    | Nein      | Ja              | Nein | Nein | 3    | Nein | S/W  | Nein | 14   |     |
| x1121    |            |            | MSP430C1111 | MSP430F1111 | 2           | 128                 |             |           |                 |      |      |      |      |      |      |      |     |
| x1122    |            |            | MSP430C1121 | MSP430F1121 | 4           | 256                 |             |           |                 |      |      |      |      |      |      |      |     |
| x1122    |            |            |             | MSP430F1122 | 4           | 256                 | 10 Bit      | Nein      | Ja              | Nein | Nein | 3    | Nein | 1    | Nein | 22   |     |
| x1132    |            |            |             | MSP430F1132 | 8           | 256                 |             |           |                 |      |      |      |      |      |      |      |     |
| x122     |            |            |             | MSP430F122  | 4           | 3)                  |             |           |                 |      |      |      |      |      |      |      | 256 |
| x123     |            |            |             | MSP430F123  | 8           | 3)                  | 256         | slope 1)  | Nein            | Ja   | Nein | Nein | 3    | Nein | 1    | Nein | 22  |
| x1222    |            |            |             | MSP430F1222 | 4           | 3)                  | 256         |           |                 |      |      |      |      |      |      |      |     |
| x1232    |            |            |             | MSP430F1232 | 8           | 3)                  | 256         |           |                 |      |      |      |      |      |      |      |     |
| x133     |            |            |             | MSP430F133  | 8           | 3)                  | 256         | 12 Bit 1) | Nein            | Ja   | Nein | Nein | 3    | Nein | 1    | Nein | 48  |
| x135     |            |            |             | MSP430F135  | 16          | 3)                  | 512         |           |                 |      |      |      |      |      |      |      |     |
| x1331    |            |            |             | MSP430C1331 | 8           | 3)                  | 256         |           |                 |      |      |      |      |      |      |      |     |
| x1351    |            |            |             | MSP430C1351 | 16          | 3)                  | 512         | slope 1)  | Nein            | Ja   | Nein | Nein | 3    | 3    | 1    | Nein | 48  |
| x147     |            | MSP430F147 | 32          | 3)          | 1024        |                     |             |           |                 |      |      |      |      |      |      |      |     |
| x148     |            | MSP430F148 | 48          | 3)          | 2048        |                     |             |           |                 |      |      |      |      |      |      |      |     |
| x149     |            | MSP430F149 | 60          | 3)          | 2048        |                     |             |           |                 |      |      |      |      |      |      |      |     |

[illegible]