

---

Application Note**MSP 341xD****Recommendations for Identification with MSP 341xD**

Due to several identification problems that have been reported, we strongly recommend that the rules for identification check given in our data sheet be followed precisely. For detailed information, please refer for example to the MSP 3400D, MSP 3410D preliminary data sheet, Edition May 14, 1999, 6251-482-2PD:

- see Table 6–15 on page 34,
- see Fig. 6–1 on page 35,
- see Fig. 6–3 on page 36.

Only the evaluation of that stereo-identification signal or code which belongs to the actually selected TV-sound standard must be performed. Any identification signal or code not belonging to the actually selected standard must not be evaluated.

**Examples:**

- whenever one of the **NICAM standards**:  
B/G-, SECAM-L-, I-, or D/K-NICAM (standard code = 8, 9, A<sub>hex</sub>, or B<sub>hex</sub>) is selected, **only the register C\_AD\_BITS** (Subaddr: 11<sub>hex</sub>; Addr: 23<sub>hex</sub>) must be read and evaluated by the µP. Additional evaluation of the STEREO DETECTION REGISTER (Subaddr: 13<sub>hex</sub>; Addr: 18<sub>hex</sub>) may cause false results and must not be done.
- whenever one of the **A2-standards**:  
M-, B/G-, D/K1-, or D/K2-FM-stereo (standard code = 2, 3, 4, or 5<sub>hex</sub>) is selected, **only the ID-level of the STEREO DETECTION REGISTER** (Subaddr: 13<sub>hex</sub>; Addr: 18<sub>hex</sub>) must be read and evaluated by the µP. Additional evaluation of the register C\_AD\_BITS (Subaddr: 11<sub>hex</sub>; Addr: 23<sub>hex</sub>) may cause false results and must not be done.

## Application Note

MICRONAS INTERMETALL GmbH  
Hans-Bunte-Strasse 19  
D-79108 Freiburg (Germany)  
P.O. Box 840  
D-79008 Freiburg (Germany)  
Tel. +49-761-517-0  
Fax +49-761-517-2174  
E-mail: [docservice@intermetall.de](mailto:docservice@intermetall.de)  
Internet: <http://www.intermetall.de>

All information in this short information is without any commitment, is not to be considered as an offer for conclusion of a contract nor shall it be construed as to create any liability. Product availability and delivery dates are exclusively subject to our order confirmation. By this publication, MICRONAS INTERMETALL GmbH does not assume responsibility for infringements of patents or other rights of third parties, which may result from its use or the use of the product. Our prior written consent must be obtained for reprinting.

Edition: Aug. 4, 1999  
Order No. 6251-506-1AN