

Automotive Vision Third parties network

Automotive Vision 3P network



DSP-Weuffen Companies Products

Presentation Automotive Activities

Contact:

DSP-Weuffen GmbH

Dieter Weuffen

Bernhard - Müller Str. 11

88239 Wangen / Neuravensburg

Telefon: 07528-97 55-31

Fax: 07528-97 55-32

Web: www.dsp-weuffen.de

E-Mail: sales@dsp-weuffen.de

Automotive Vision 3P network



- **Vast experience in Automotive Vision using TI DSPs. Design and development based on intelligent, stereo and 3D camera systems.**
- **Years of Research and Development resulting in better understanding the needs of Automotive and Driver Assistance systems.**
- **Involved in various projects with many Tier 1 automotive customers in Germany.**

Automotive Vision 3P network



- Target Applications:
 1. **Intelligent camera design for driver assistance systems**
 2. **Car multimedia**
- TI DSP Used:
 1. **TMS320C6711, TMS320C6416**
 2. **TMS320DM642, TMS320DM6446, TMS320DM6437**
- Products & Services Provided:
 1. **Consultancy**
 2. **Driver programming**
 3. **Video framework for automotive**
- Solution Benefits/Competitive Advantages given to customer:
 1. **Understanding SW-design needs for Automotive**
 2. **Performance optimized solutions for TI-DSPs**
- Geographical Region : **Germany (south-west)**
- Primary Contact (+title): **Mr. Peter Jahn (sales)**

Automotive Vision 3P network



- Videoframework for DM64x
- Algorithm Optimisation and Development
- Debug Message Interfaces using McAsp or USB
- Bootloader, Flash driver with ZIP-algorithm
- Communication via Message Queue protocol
- Audio-Codec programming
- TCP/IP implementation
- Hardware Development
- Training and Consultancy

