



**2M GAAS  
Pre-amplifier**

**CAPACITORS** (CE; CERAMIC, TR; TRIMMER, EL; ELECTROLYTIC):  
 C1; 1NF CE, C2; TR, C3; 1NF CHIP, C4; 1NF CHIP, C5; 100P CE, C6; TR,  
 C7; 47U/16V EL, C8; 0,1U CE, C9; 2,7P CE, C10; 10N CE, C11; 10U/16V  
 TANTAL, C12; 47U/16V EL, C13; 0,1U CE

**TRANSISTORS**  
 T1, T3; BC337, T2, T4; BC327, T5; N-CHANNEL GAAS-SCHOTTKY-GATE-  
 TETRODE (FOR EXAMPLE TEXAS S3030)

**SCHOTTKY DIODES**  
 D1-D4 + D6-D11 ; BAT41

**ZENER DIODES**  
 D5; ZPD15, D12; ZPDBV2

**DIODES**  
 D13; 1N4148, D14-D16; 1N4004

**METAL-FILM-RESISTORS RG207**  
 R1; 6K8, R2; 10K, R3; 180R, R4; 100R, R5; 180R, R6; 10R, R7; 120R,  
 R8; 10R, R12; 1K, R13; 100K, R14; 100R, R15; 150K, R16; 1K, R17; 4K7

**HOT-MOULDED-RESISTORS**  
 R9; 10R, R10; 120R, R11; 10R

**FERRITE BEADS**  
 VALVO 43 12 020 3106

**RELAYS**  
 REL1 + REL2 ; SPECIAL LANDWEHR ELECTRONIC