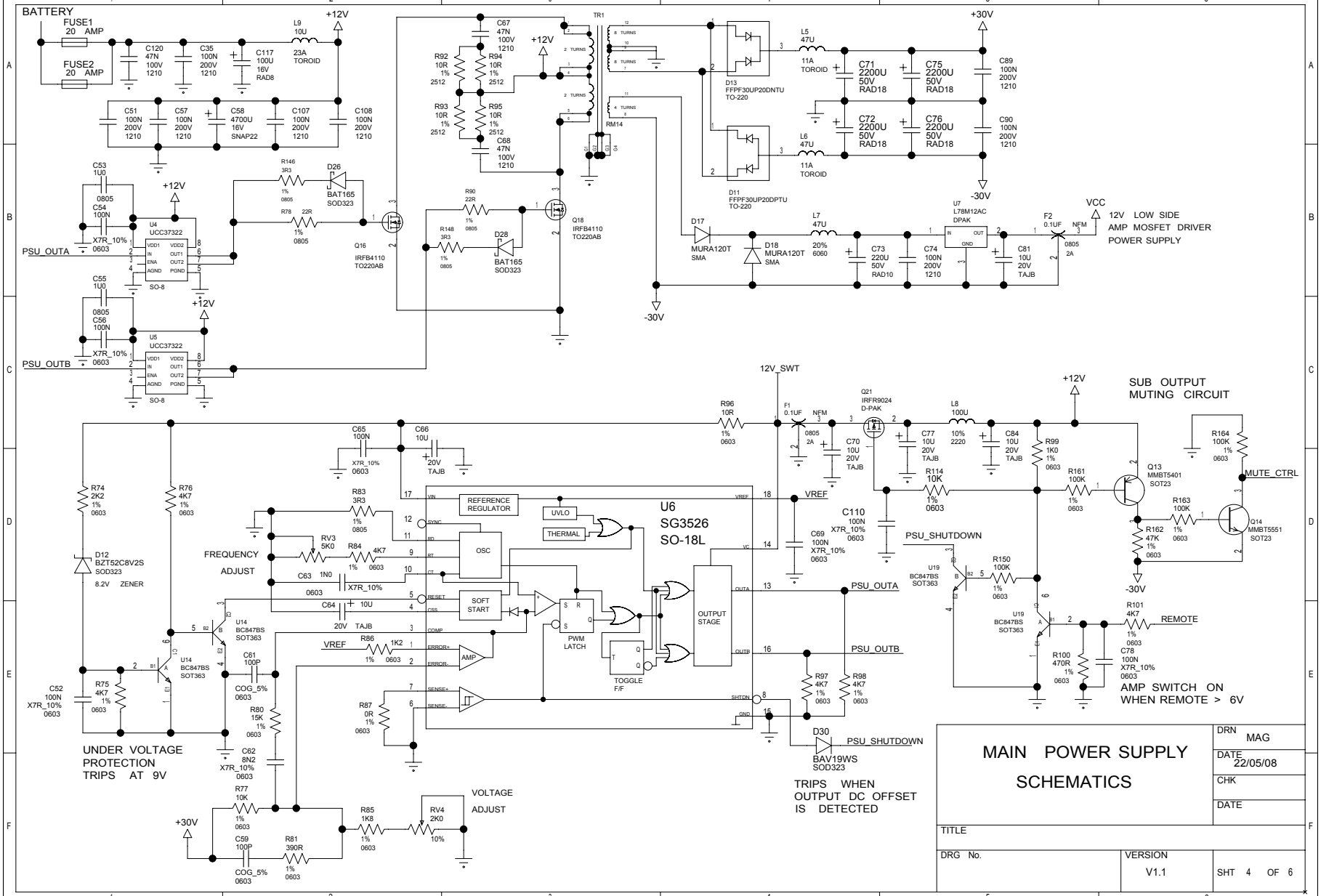
BATTERY
FUSE1 20 AMP
FUSE2 20 AMP
+12V
-30V
+30V
VCC
12V LOW SIDE AMP MOSFET DRIVER POWER SUPPLY
PSU_OUTA
PSU_OUTB
U4 UCC37322
U5 UCC37322
SO-8
TR1
RM14
IRFB4110 TO220AB
BAT165 SOD323
MURA120T SMA
FFPF30UP20DNTU TO-220
FFPF30UP20DPTU TO-220
L78M12AC DPAK
SUB OUTPUT MUTING CIRCUIT
12V_SWT
Q21 IRFR9024 D-PAK
MUTE_CTRL
MMBT5401 SOT23
MMBT5551 SOT23
PSU_SHUTDOWN
REMOTE
AMP SWITCH ON WHEN REMOTE > 6V
U6 SG3526 SO-18L
REFERENCE REGULATOR
UVLO
THERMAL
OSC
SOFT START
PWM LATCH
TOGGLE F/F
OUTPUT STAGE
AMP
VREF
FREQUENCY ADJUST
BZT52C8V2S SOD323 8.2V ZENER
BC847BS SOT363
UNDER VOLTAGE PROTECTION TRIPS AT 9V
VOLTAGE ADJUST
BAV19WS SOD323
TRIPS WHEN OUTPUT DC OFFSET IS DETECTED
MAIN POWER SUPPLY SCHEMATICS
DRN MAG
DATE 22/05/08
CHK
DATE
TITLE
DRG No.
VERSION V1.1
SHT 4 OF 6