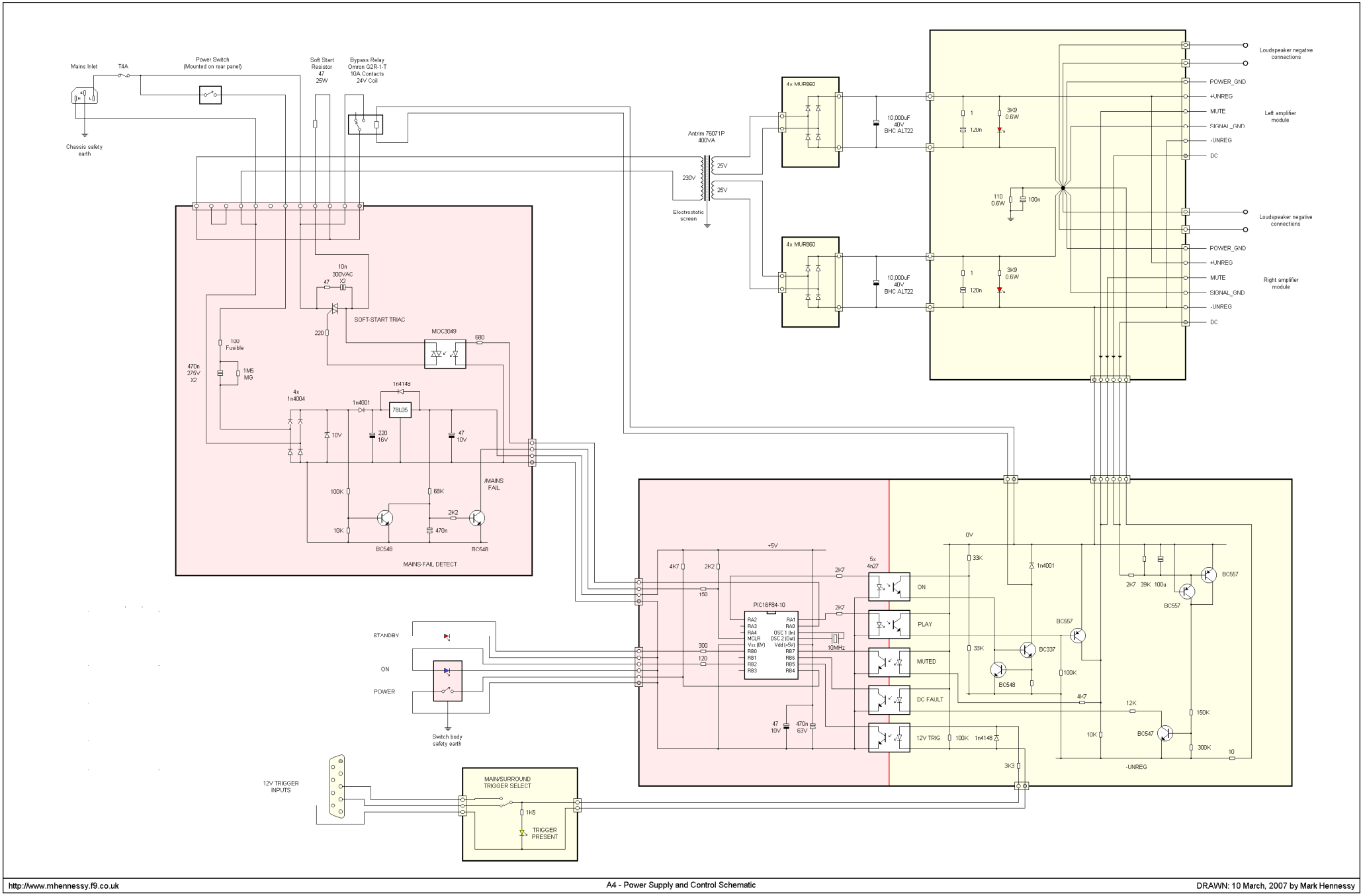
Mains Inlet
T4A
Power Switch
(Mounted on rear panel)
Soft Start
Resistor
47
25W
Bypass Relay
Omron G2R-1-T
10A Contacts
24V Coil
Chassis safety
earth
Antrim 76071P
400VA
230V
25V
25V
Electrostatic
screen
4x MUR860
10,000uF
40V
BHC ALT22
1
1uUn
3k9
0.6W
110
0.6W
100n
120n
Loudspeaker negative
connections
POWER_GND
+UNREG
MUTE
SIGNAL_GND
-UNREG
DC
Left amplifier
module
Right amplifier
module
10n
300VAC
X2
47
SOFT-START TRIAC
220
MOC3049
680
100
Fusible
470n
275V
X2
1M5
MG
4x
1n4004
1n4001
1n4148
78L05
10V
220
16V
47
10V
100K
68K
2K2
10K
470n
BC548
/MAINS
FAIL
MAINS-FAIL DETECT
+5V
4K7
2K2
150
PIC16F84-10
RA2
RA3
RA4
MCLR
Vss (0V)
RB0
RB1
RB2
RB3
RA1
RA0
OSC 1 (In)
OSC 2 (Out)
Vdd (+5V)
RB7
RB6
RB5
RB4
10MHz
300
120
47
10V
470n
63V
5x
4n27
ON
PLAY
MUTED
DC FAULT
12V TRIG
100K
1n4148
3K3
0V
33K
1n4001
BC337
BC548
BC557
2K7
39K
100u
100K
4K7
12K
150K
10K
BC547
300K
10
-UNREG
STANDBY
ON
POWER
Switch body
safety earth
12V TRIGGER
INPUTS
MAIN/SURROUND
TRIGGER SELECT
1k5
TRIGGER
PRESENT