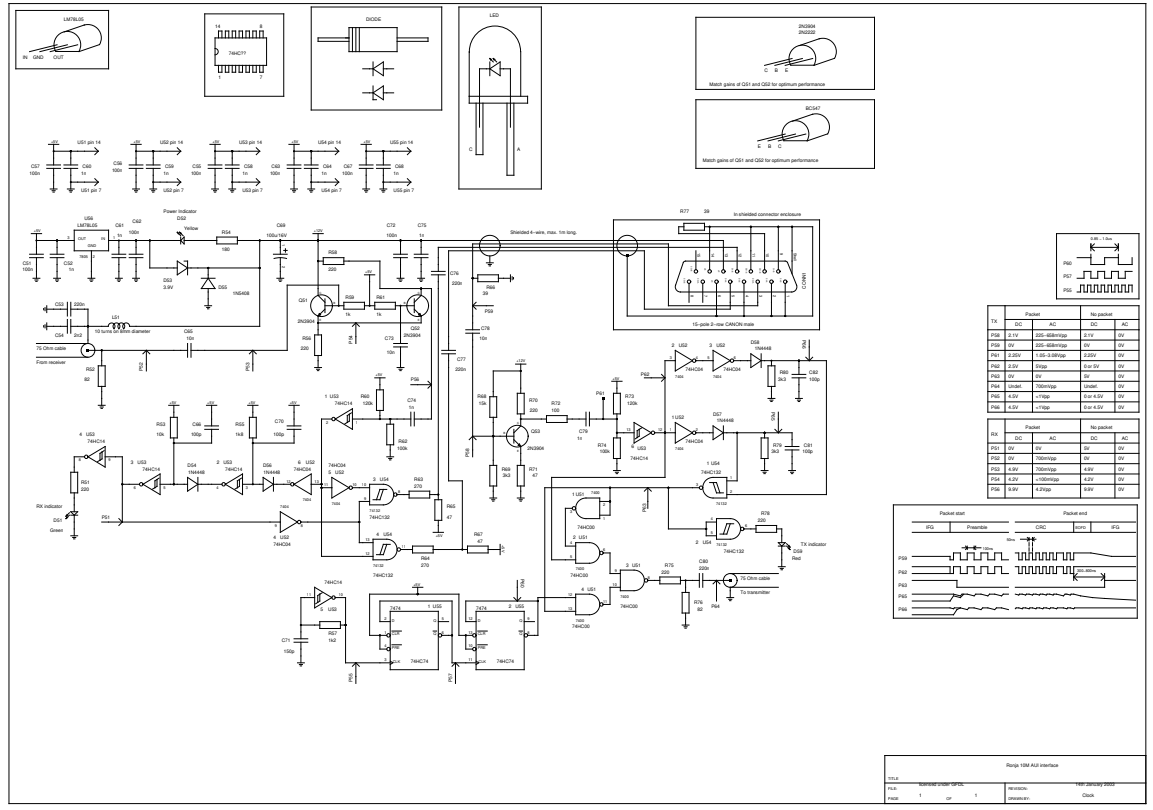
LM78L05
IN GND OUT
74HC77
DIODE
LED
C
A
2N3904
2N2222
E B C
Match gains of QS1 and QS2 for optimum performance
BC547
E B C
Match gains of QS1 and QS2 for optimum performance
US1 pin 14
US2 pin 14
US3 pin 14
US4 pin 14
US5 pin 14
C57 100n
C60 1n
US1 pin 7
C56 100n
C59 1n
US2 pin 7
C55 100n
C58 1n
US3 pin 7
C63 100n
C64 1n
US4 pin 7
C67 100n
C68 1n
US5 pin 7
US6
LM78L05
Power Indicator
DS2
Yellow
R54
180
C69
100u+16V
R58
220
C72
100n
C75
1n
Shielded 4-wire, max. 1m long.
R77 39
In shielded connector enclosure
15-pole 2-row CANON male
CONN1
C76
220n
R66
3k
C78
10n
C77
220n
C50
100n
C52
1n
C62
100n
C61
1n
D53
3.9V
D55
1N5406B
Q51
2N3906
R59
1k
R61
1k
Q52
2N3904
C73
10n
C66
220n
L51
10 turns on 10mm diameter
C54
2n2
C65
10n
76 Ohm cable
From receiver
R62
82
PS1
PS5
PS6
PS4
R60
120k
C74
1n
R62
100k
US3
74HC14
R53
10k
C68
100p
R55
1k8
C70
100p
R51
220
RX indicator
DS1
Green
PS1
D54
1N4448
D56
1N4448
74HC04
74HC132
R63
270
R64
270
R65
47
R67
47
C71
150p
R57
1k2
74HC74
R68
10k
R69
3k3
Q53
2N3904
R70
220
R72
100
C79
1n
R74
100k
R71
47
R73
100k
PS2
PS3
PS4
D58
1N4448
R80
3k3
C82
100p
D57
1N4448
R79
3k3
C81
100p
R78
220
TX indicator
DS3
Red
R75
220
C80
220n
R76
82
PS5
PS6
PS7
PS8
PS9
PS10
PS11
PS12
PS13
PS14
PS15
PS16
PS17
PS18
PS19
PS20
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PS43
PS44