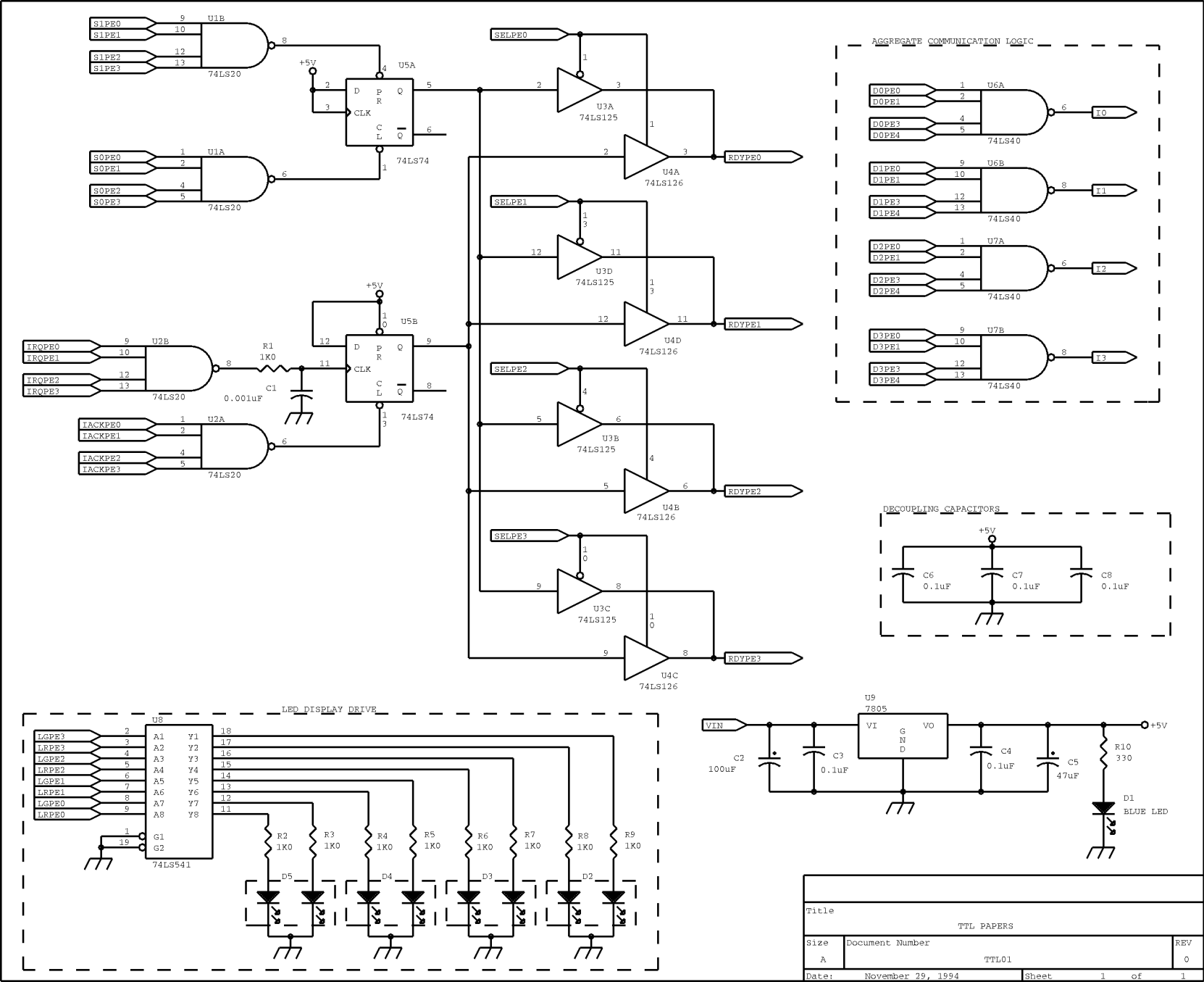
S1PE0
S1PE1
S1PE2
S1PE3
U1B
74LS20
S0PE0
S0PE1
S0PE2
S0PE3
U1A
74LS20
+5V
U5A
D
P
R
Q
CLK
C
L
Q
74LS74
SELPE0
U3A
74LS125
U4A
74LS126
RDYPE0
SELPE1
U3D
74LS125
U4D
74LS126
RDYPE1
SELPE2
U3B
74LS125
U4B
74LS126
RDYPE2
SELPE3
U3C
74LS125
U4C
74LS126
RDYPE3
IRQPE0
IRQPE1
IRQPE2
IRQPE3
U2B
74LS20
R1
1K0
C1
0.001uF
U5B
74LS74
IACKPE0
IACKPE1
IACKPE2
IACKPE3
U2A
74LS20
AGGREGATE COMMUNICATION LOGIC
D0PE0
D0PE1
D0PE3
D0PE4
U6A
74LS40
I0
D1PE0
D1PE1
D1PE3
D1PE4
U6B
74LS40
I1
D2PE0
D2PE1
D2PE3
D2PE4
U7A
74LS40
I2
D3PE0
D3PE1
D3PE3
D3PE4
U7B
74LS40
I3
DECOUPLING CAPACITORS
+5V
C6
0.1uF
C7
0.1uF
C8
0.1uF
LED DISPLAY DRIVE
U8
LGPE3
LRPE3
LGPE2
LRPE2
LGPE1
LRPE1
LGPE0
LRPE0
A1
A2
A3
A4
A5
A6
A7
A8
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
G1
G2
74LS541
R2
1K0
R3
1K0
R4
1K0
R5
1K0
R6
1K0
R7
1K0
R8
1K0
R9
1K0
D5
D4
D3
D2
U9
7805
VIN
VI
GND
VO
+5V
C2
100uF
C3
0.1uF
C4
0.1uF
C5
47uF
R10
330
D1
BLUE LED
Title
TTL PAPERS
Size
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Document Number
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Date:
November 29, 1994
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1
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1