VME 352 Drives

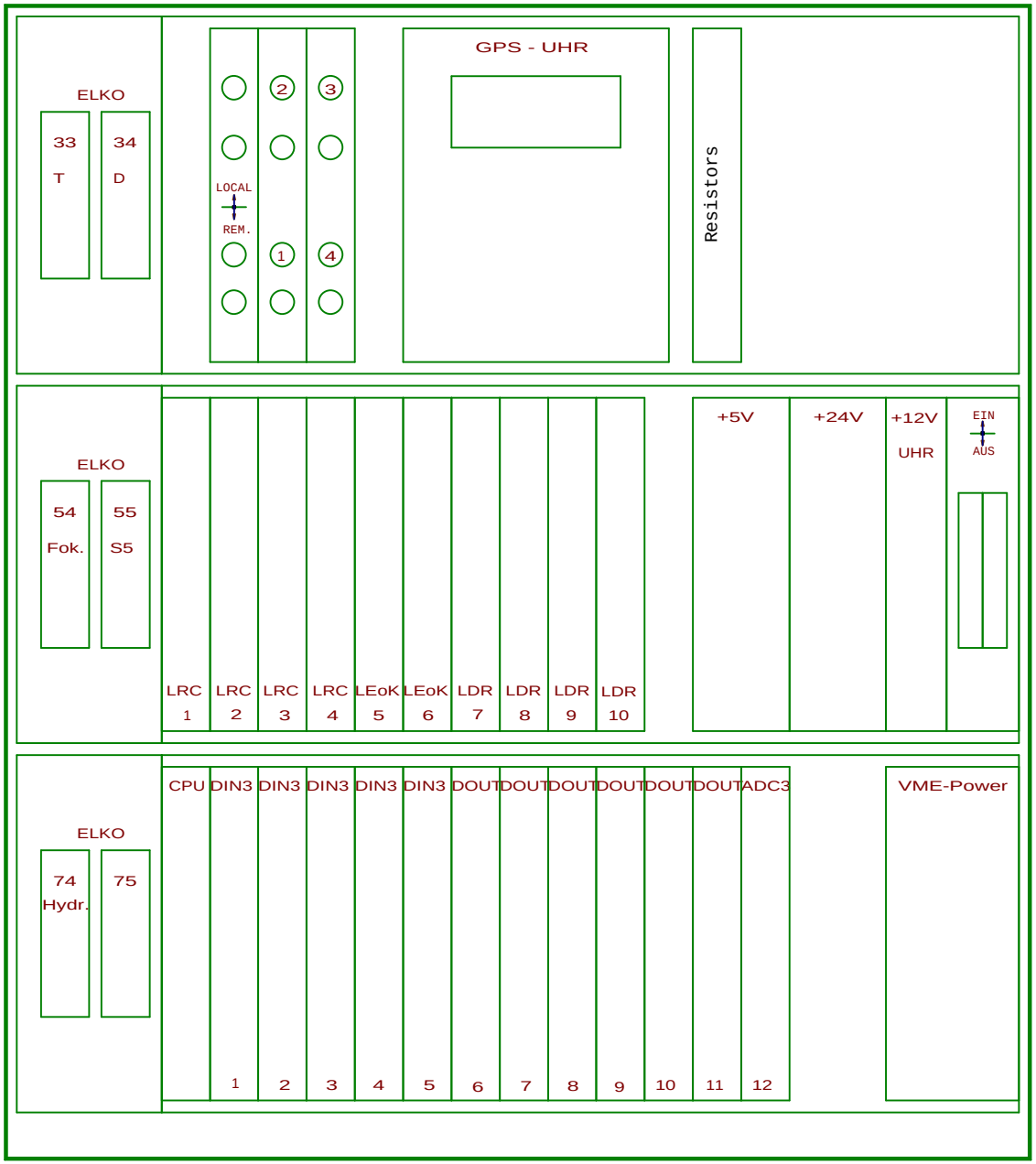
INPUTS:

2-3	Strommessung T
4-5	Interpolation T
6-7	Strommessung CAS
8-9	Interpolation ITEK T
10-11	Drehmomentmessung D
12-13	Interpolation D
15	Temperatur Hydr.-Pumpe
16-17	Interpolatin ITEK D
18	Einzelbeits D- Antriebe
19	Einzelbeits T- Antriebe
20	Einzelbits CAS und Hydraulik
21	Einzelbits, Fokus, S5, Not-Stop-Rüm. Pult Schl

OUTPUTS:

22	Schalten Antriebe und Reibrad
23	Mag-Schalter
24	Hydr.-Kühler, RTC-Verteilung
25-26	Geschw.-Vorgabe T
27-28	Geschw.-Vorgabe D
29	Geschw.-Vorgabe Fokus Ost
30	Geschw.-Vorgabe Fokus Süd
31	Geschw.-Vorgabe Fokus West
32	Geschw.-Vorgabe Fokus Nord
33	Geschw.-Vorgabe S5 Azimut
34	Geschw.-Vorgabe S5 Höhe
35	Geschw.-Vorgabe Cas-Flansch
36	Pinbelegung Widerstandskarte
37	NOT_STOP_"RECHNER" WUT VER
38	Power-Reset N-Ports

Letzte Aktualisierung : 22.06.2006



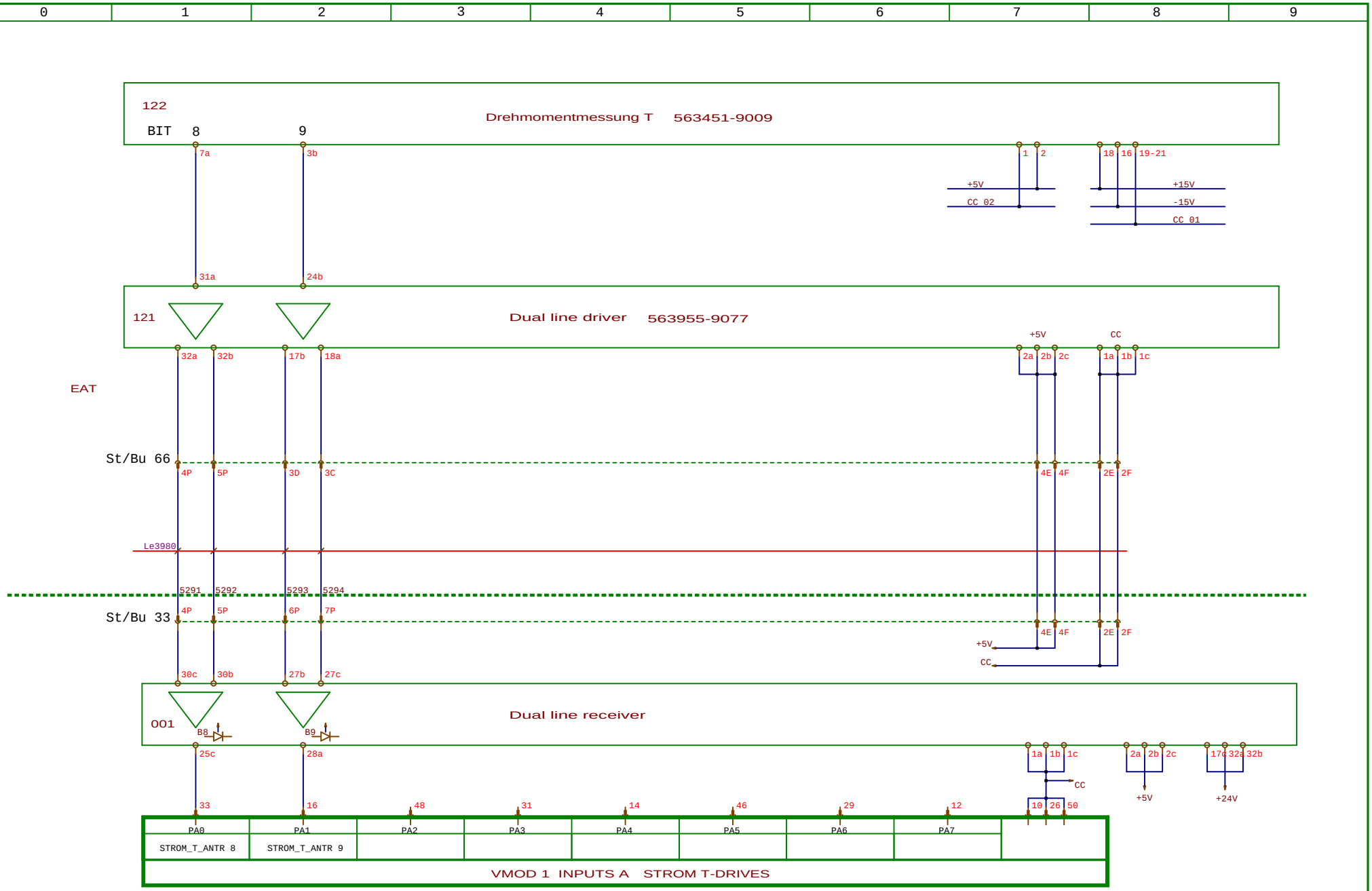
				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

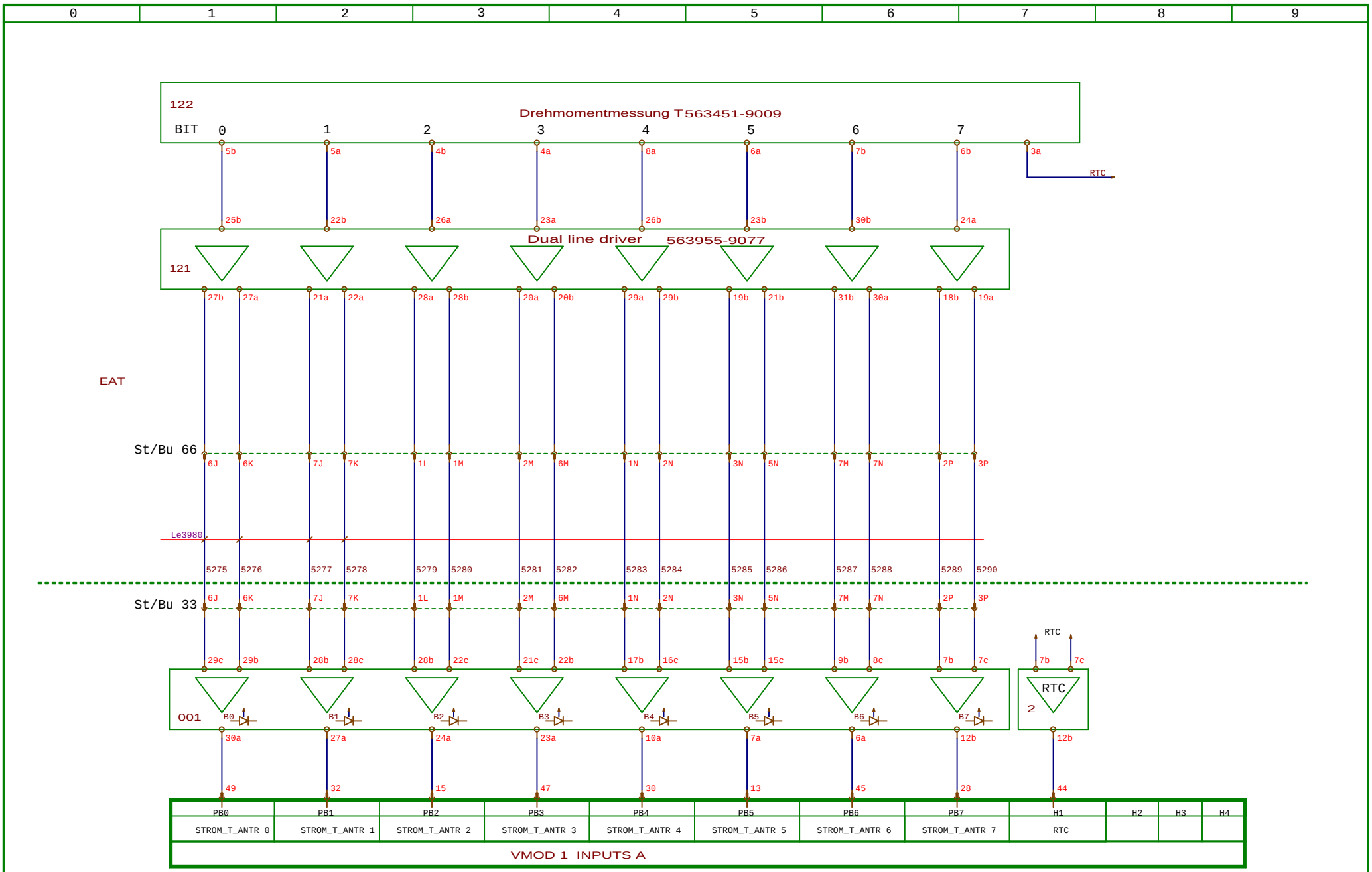
Rack VME TECS352

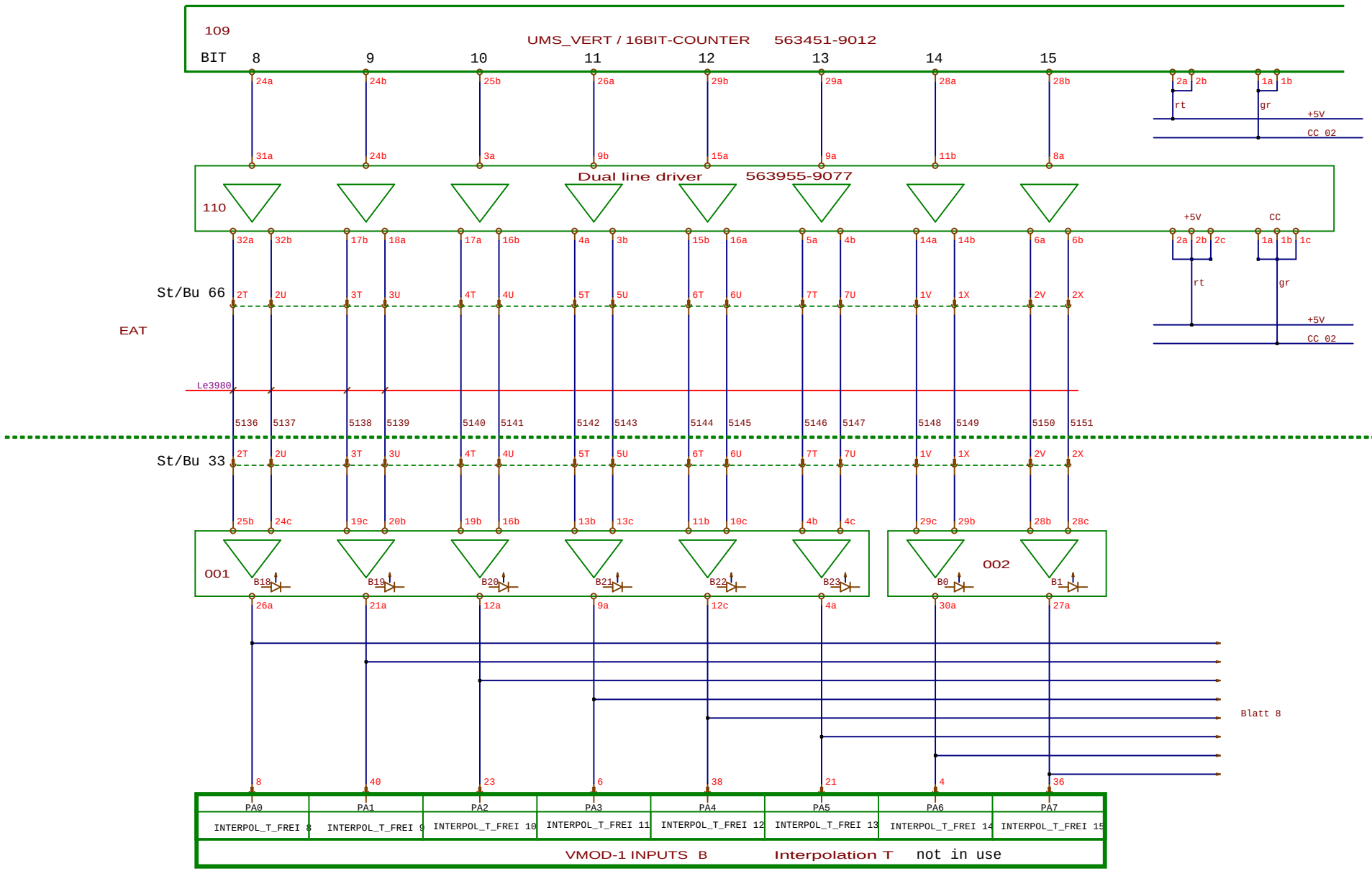
MPIA
CALAR ALTO

VME 352 Drives

Blatt 1
von 38 Bl.


0
1
2
3
4
5
6
7
8
9
122
Drehmomentmessung T 563451-9009
BIT 8
9
7a
3b
31a
24b
1
2
+5V
CC 02
18
16
19-21
+15V
-15V
CC 01
121
Dual line driver 563955-9077
32a
32b
17b
18a
+5V
CC
2a
2b
2c
1a
1b
1c
EAT
St/Bu 66
4P
5P
3D
3C
4E
4F
2E
2F
Le3980
5291
5292
5293
5294
St/Bu 33
4P
5P
6P
7P
4E
4F
2E
2F
+5V
CC
30c
30b
27b
27c
001
Dual line receiver
B8
B9
25c
28a
1a
1b
1c
CC
2a
2b
2c
+5V
17c
32a
32b
+24V
33
16
48
31
14
46
29
12
10
26
50
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
STROM_T_ANTR 8
STROM_T_ANTR 9
VMOD 1 INPUTS A STROM T-DRIVES
Datum
29-09-03
Bearb.
W.Müller
Gepr.
Norm
Zust.
Änderung
Datum
Name
Strommessung T-Drives
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 2
von 38
Bl.


0 1 2 3 4 5 6 7 8 9
122
Drehmomentmessung T563451-9009
BIT 0 1 2 3 4 5 6 7
5b 5a 4b 4a 8a 6a 7b 6b 3a
RTC
25b 22b 26a 23a 26b 23b 30b 24a
Dual line driver 563955-9077
121
27b 27a 21a 22a 28a 28b 20a 20b 29a 29b 19b 21b 31b 30a 18b 19a
EAT
St/Bu 66
6J 6K 7J 7K 1L 1M 2M 6M 1N 2N 3N 5N 7M 7N 2P 3P
Le3980
5275 5276 5277 5278 5279 5280 5281 5282 5283 5284 5285 5286 5287 5288 5289 5290
St/Bu 33
6J 6K 7J 7K 1L 1M 2M 6M 1N 2N 3N 5N 7M 7N 2P 3P
RTC
7b 7c
29c 29b 28b 28c 28b 22c 21c 22b 17b 16c 15b 15c 9b 8c 7b 7c
001
B0 B1 B2 B3 B4 B5 B6 B7
RTC
2
30a 27a 24a 23a 10a 7a 6a 12b
12b
49 32 15 47 30 13 45 28
44
PB0 PB1 PB2 PB3 PB4 PB5 PB6 PB7 H1 H2 H3 H4
STROM_T_ANTR 0 STROM_T_ANTR 1 STROM_T_ANTR 2 STROM_T_ANTR 3 STROM_T_ANTR 4 STROM_T_ANTR 5 STROM_T_ANTR 6 STROM_T_ANTR 7 RTC
VMOD 1 INPUTS A
Datum 29-09-03
Bearb. W.Müller
Gepr.
Zust. Änderung Datum Name Norm
Strommessung T-Drives
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 3
von 38 Bl.



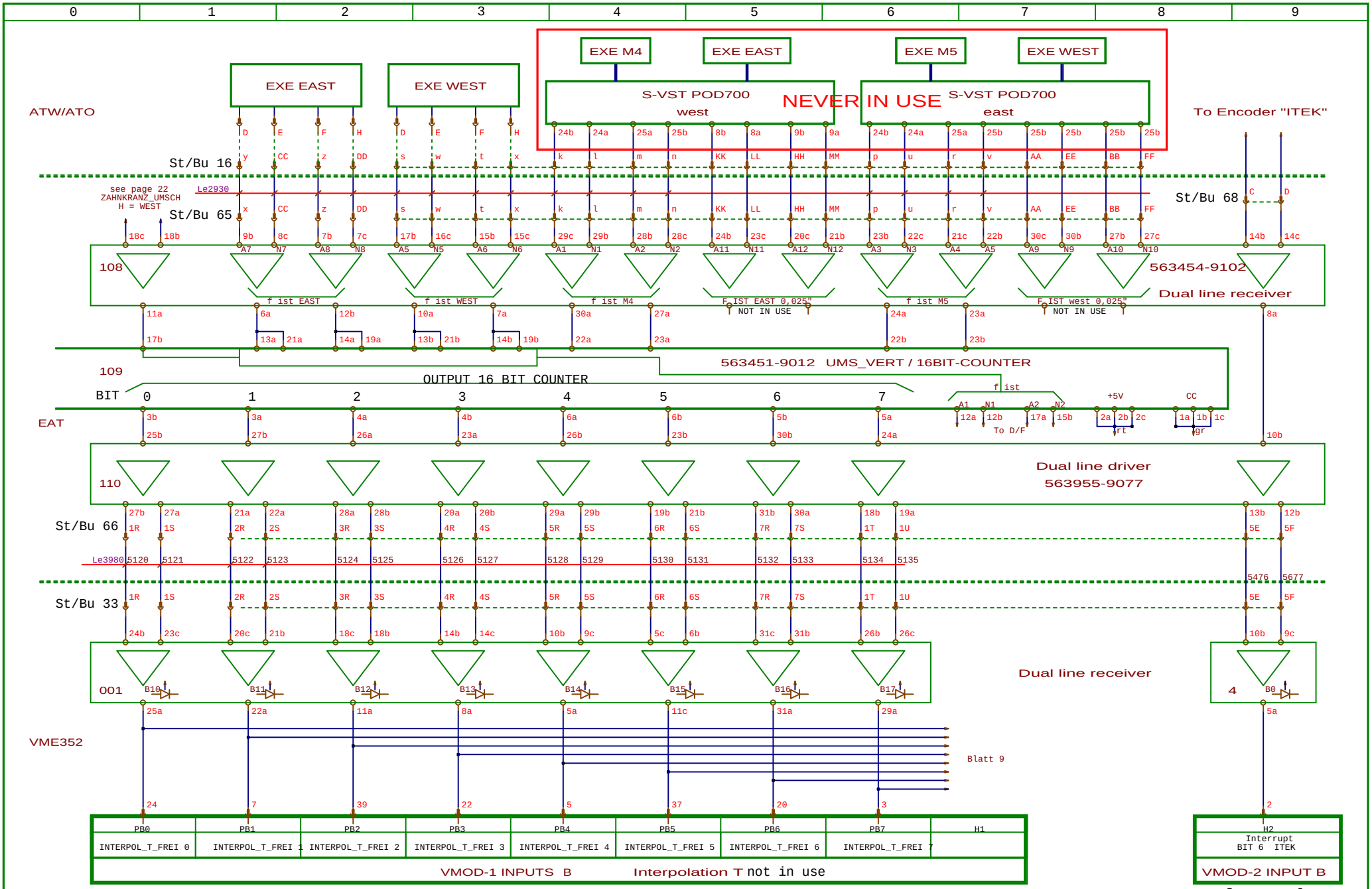
Zust.	Änderung	Datum	Name			
				Datum	29-09-03	Interpolation T
				Bearb.	W.Müller	
				Gepr.		
				Norm		

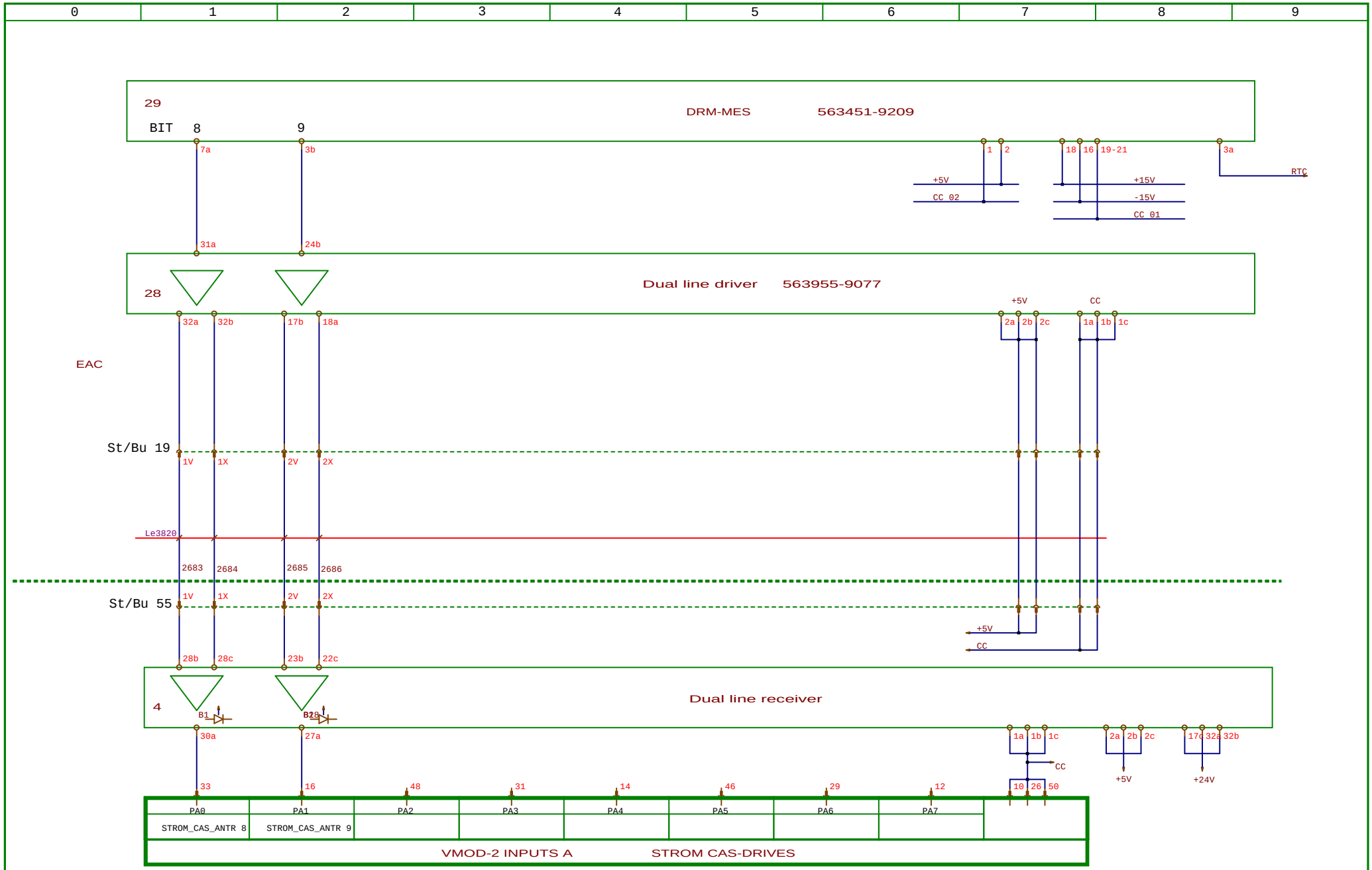
MPIA
CALAR ALTO

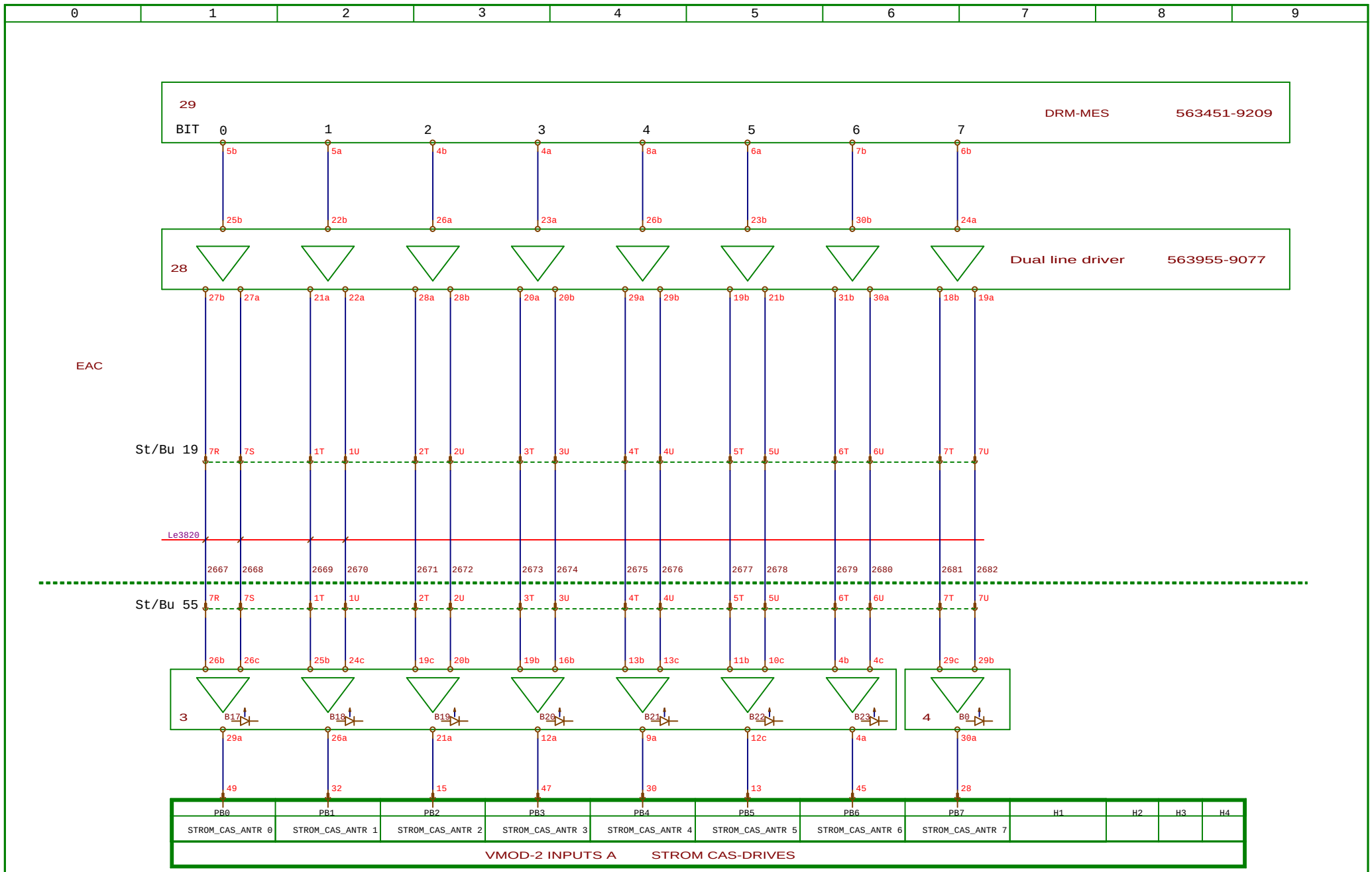
3.5m TELESKOP

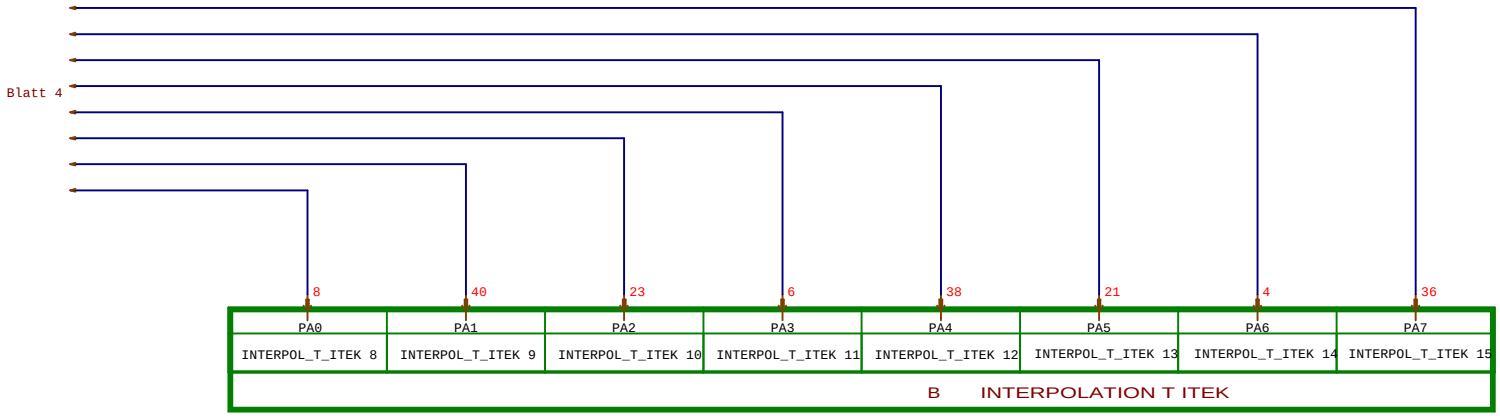
VME 352 Drives

Blatt 4
von 38 Bl.


0 1 2 3 4 5 6 7 8 9
EXE M4
EXE EAST
EXE M5
EXE WEST
S-VST POD700 west
NEVER IN USE
S-VST POD700 east
EXE EAST
EXE WEST
ATW/ATO
To Encoder "ITEK"
St/Bu 16
see page 22
ZAHNKRANZ_UMSCH
H = WEST
Le2930
St/Bu 65
St/Bu 68
108
563454-9102
Dual line receiver
f ist EAST
f ist WEST
f ist M4
F IST EAST 0,025"
NOT IN USE
f ist M5
F IST west 0,025"
NOT IN USE
109
563451-9012 UMS_VERT / 16BIT-COUNTER
OUTPUT 16 BIT COUNTER
BIT 0 1 2 3 4 5 6 7
f ist
+5V
CC
EAT
To D/F
110
Dual line driver
563955-9077
St/Bu 66
Le3980
St/Bu 33
001
Dual line receiver
4
VME352
Blatt 9
PB0 INTERPOL_T_FREI 0
PB1 INTERPOL_T_FREI 1
PB2 INTERPOL_T_FREI 2
PB3 INTERPOL_T_FREI 3
PB4 INTERPOL_T_FREI 4
PB5 INTERPOL_T_FREI 5
PB6 INTERPOL_T_FREI 6
PB7 INTERPOL_T_FREI 7
H1
VMOD-1 INPUTS B
Interpolation T not in use
H2 Interrupt BIT 6 ITEK
VMOD-2 INPUT B
See page 9
Datum
Bearb. W.Müller
Gepr.
Norm
Zust. Änderung Datum Name
Interpolation T
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 5
von 38 Bl.


0
1
2
3
4
5
6
7
8
9
29
DRM-MES
563451-9209
BIT
8
9
7a
3b
1
2
18
16
19-21
3a
+5V
CC 02
+15V
-15V
CC 01
RTC
31a
24b
28
Dual line driver
563955-9077
+5V
CC
32a
32b
17b
18a
2a
2b
2c
1a
1b
1c
EAC
St/Bu 19
1V
1X
2V
2X
Le3820
2683
2684
2685
2686
St/Bu 55
+5V
CC
28b
28c
23b
22c
4
Dual line receiver
B1
30a
27a
1a
1b
1c
CC
2a
2b
2c
+5V
17c
32a
32b
+24V
33
16
48
31
14
46
29
12
10
26
50
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
STROM_CAS_ANTR 8
STROM_CAS_ANTR 9
VMOD-2 INPUTS A
STROM CAS-DRIVES
Datum
29-09-03
Bearb.
W.Müller
Gepr.
Zust.
Änderung
Datum
Name
Norm
STROM CAS-DRIVES
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 6
von 38
Bl.


0 1 2 3 4 5 6 7 8 9
29
BIT 0 1 2 3 4 5 6 7
DRM-MES 563451-9209
5b 5a 4b 4a 8a 6a 7b 6b
25b 22b 26a 23a 26b 23b 30b 24a
28
Dual line driver 563955-9077
27b 27a 21a 22a 28a 28b 20a 20b 29a 29b 19b 21b 31b 30a 18b 19a
EAC
St/Bu 19
7R 7S 1T 1U 2T 2U 3T 3U 4T 4U 5T 5U 6T 6U 7T 7U
Le3820
2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682
St/Bu 55
7R 7S 1T 1U 2T 2U 3T 3U 4T 4U 5T 5U 6T 6U 7T 7U
26b 26c 25b 24c 19c 20b 19b 16b 13b 13c 11b 10c 4b 4c 29c 29b
3
B17 B18 B19 B20 B21 B22 B23
4
B0
29a 26a 21a 12a 9a 12c 4a 30a
49 32 15 47 30 13 45 28
PB0 PB1 PB2 PB3 PB4 PB5 PB6 PB7 H1 H2 H3 H4
STROM_CAS_ANTR 0 STROM_CAS_ANTR 1 STROM_CAS_ANTR 2 STROM_CAS_ANTR 3 STROM_CAS_ANTR 4 STROM_CAS_ANTR 5 STROM_CAS_ANTR 6 STROM_CAS_ANTR 7
VMOD-2 INPUTS A STROM CAS-DRIVES
Zust. Änderung Datum Name
Datum 29-09-03
Bearb. W.Müller
Gepr.
Norm
STROM CAS-DRIVES
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 7
von 38 Bl.



VMOD-2 INPUTS B

				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

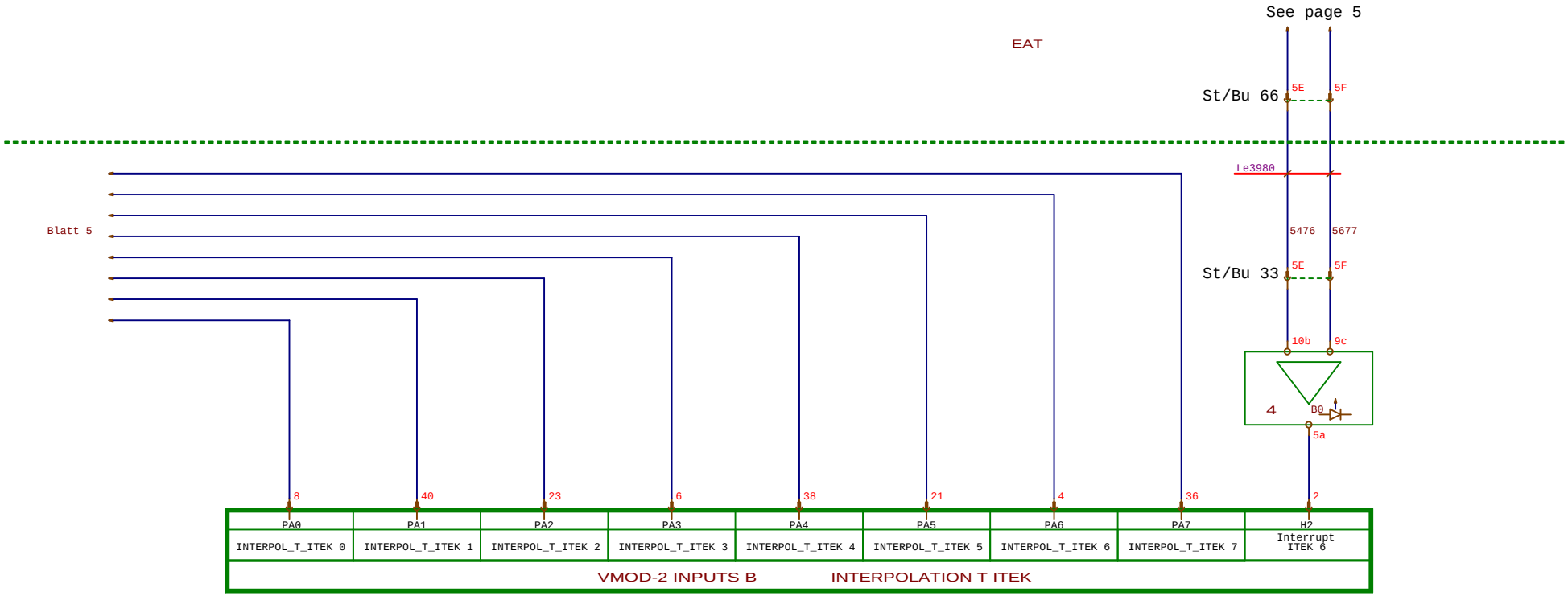
INTERPOLATION T ITEK

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 8
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

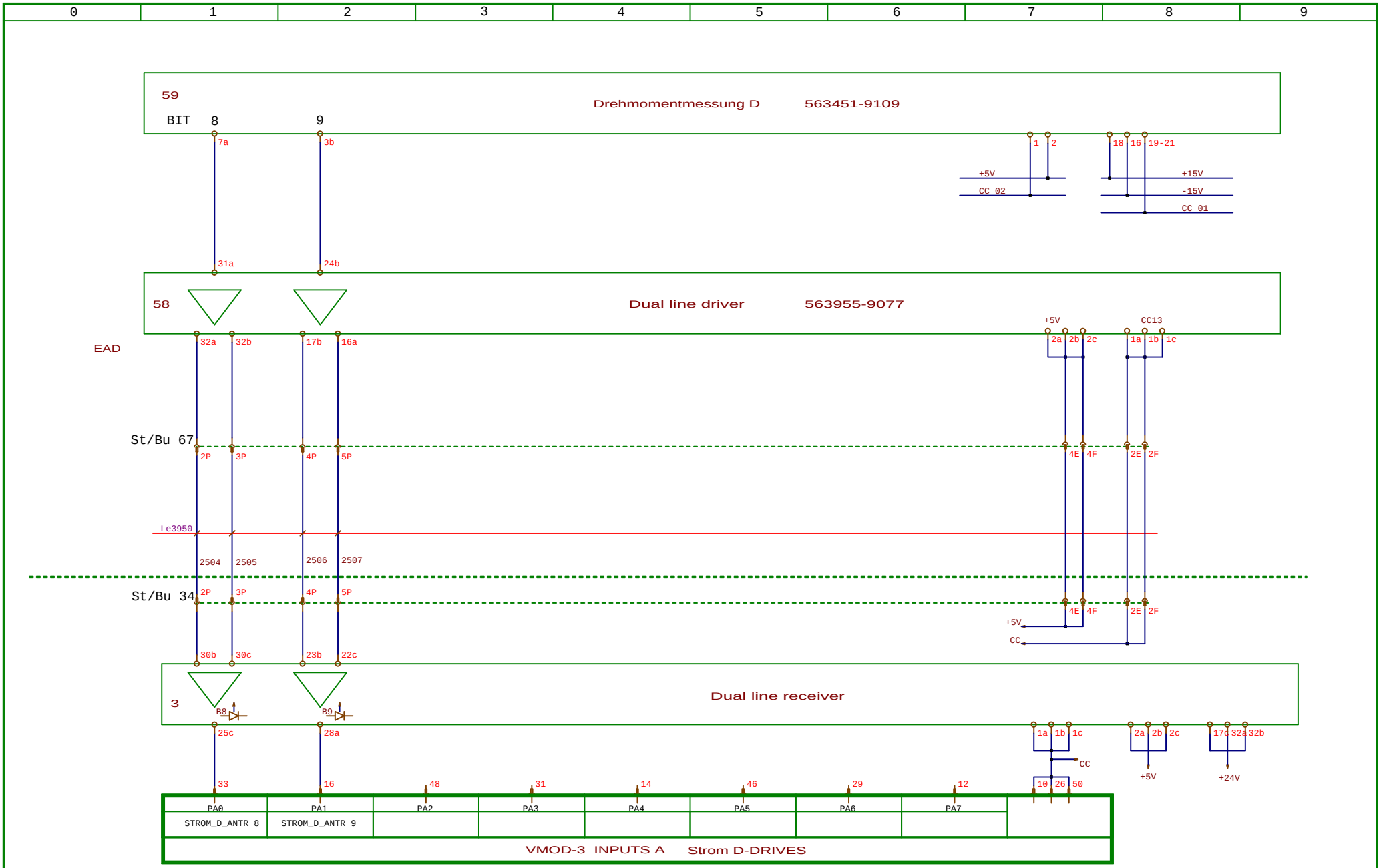
INTERPOLATION T ITEK

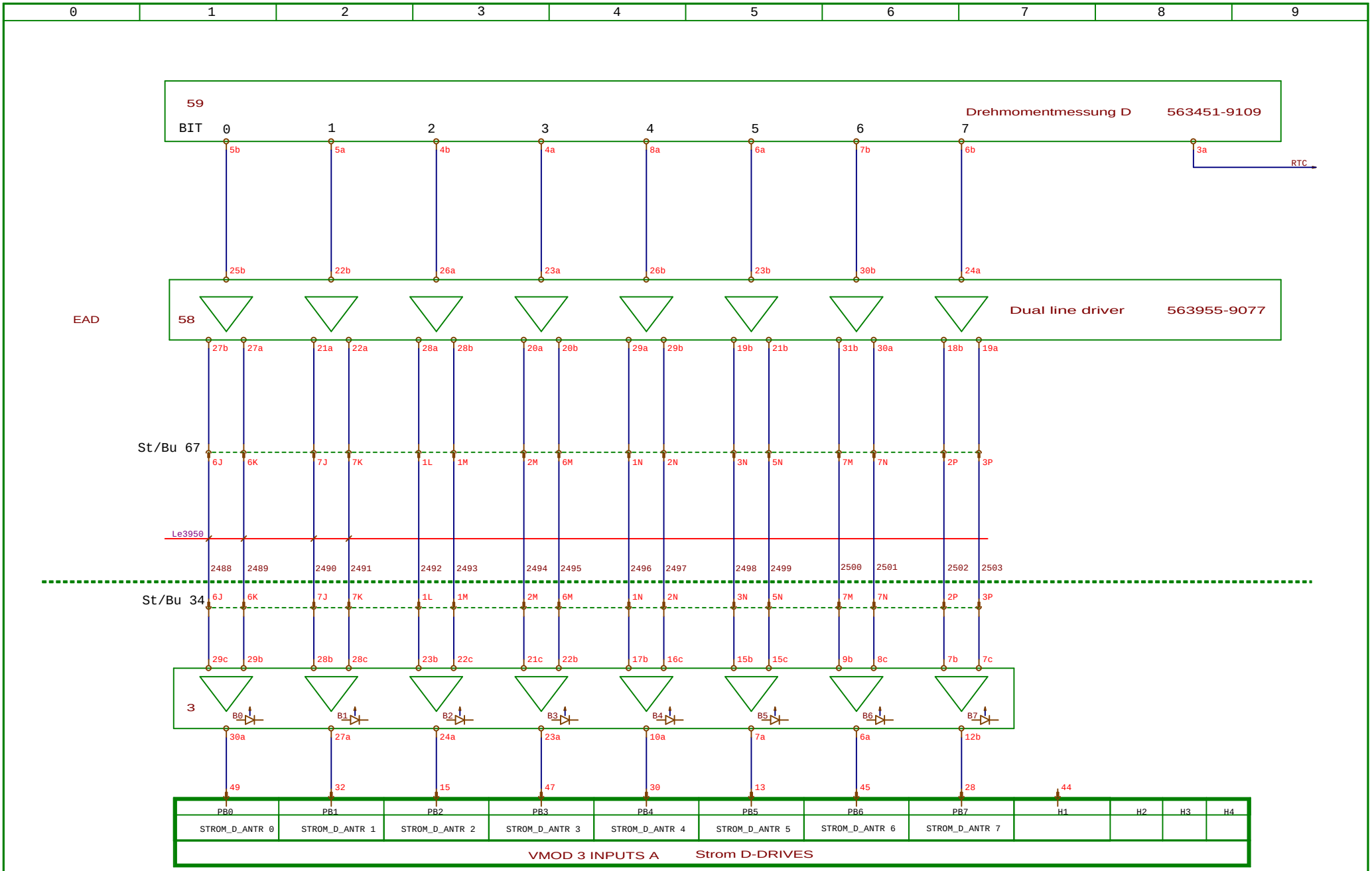
MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 9
von 38 Bl.


0
1
2
3
4
5
6
7
8
9
59
Drehmomentmessung D
563451-9109
BIT 8
9
7a
3b
1
2
18
16
19-21
+5V
CC 02
+15V
-15V
CC 01
31a
24b
58
Dual line driver
563955-9077
EAD
32a
32b
17b
16a
+5V
CC13
2a
2b
2c
1a
1b
1c
St/Bu 67
2P
3P
4P
5P
4E
4F
2E
2F
Le3950
2504
2505
2506
2507
St/Bu 34
2P
3P
4P
5P
4E
4F
2E
2F
+5V
CC
30b
30c
23b
22c
3
Dual line receiver
B8
B9
25c
28a
1a
1b
1c
CC
2a
2b
2c
17c
32a
32b
+5V
+24V
33
16
48
31
14
46
29
12
10
26
50
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
STROM_D_ANTR 8
STROM_D_ANTR 9
VMOD-3 INPUTS A Strom D-DRIVES
Zust.
Änderung
Datum
Name
Datum
29-09-03
Bearb.
W.Müller
Gepr.
Norm
Strom D-DRIVES
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 10
von 38
Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

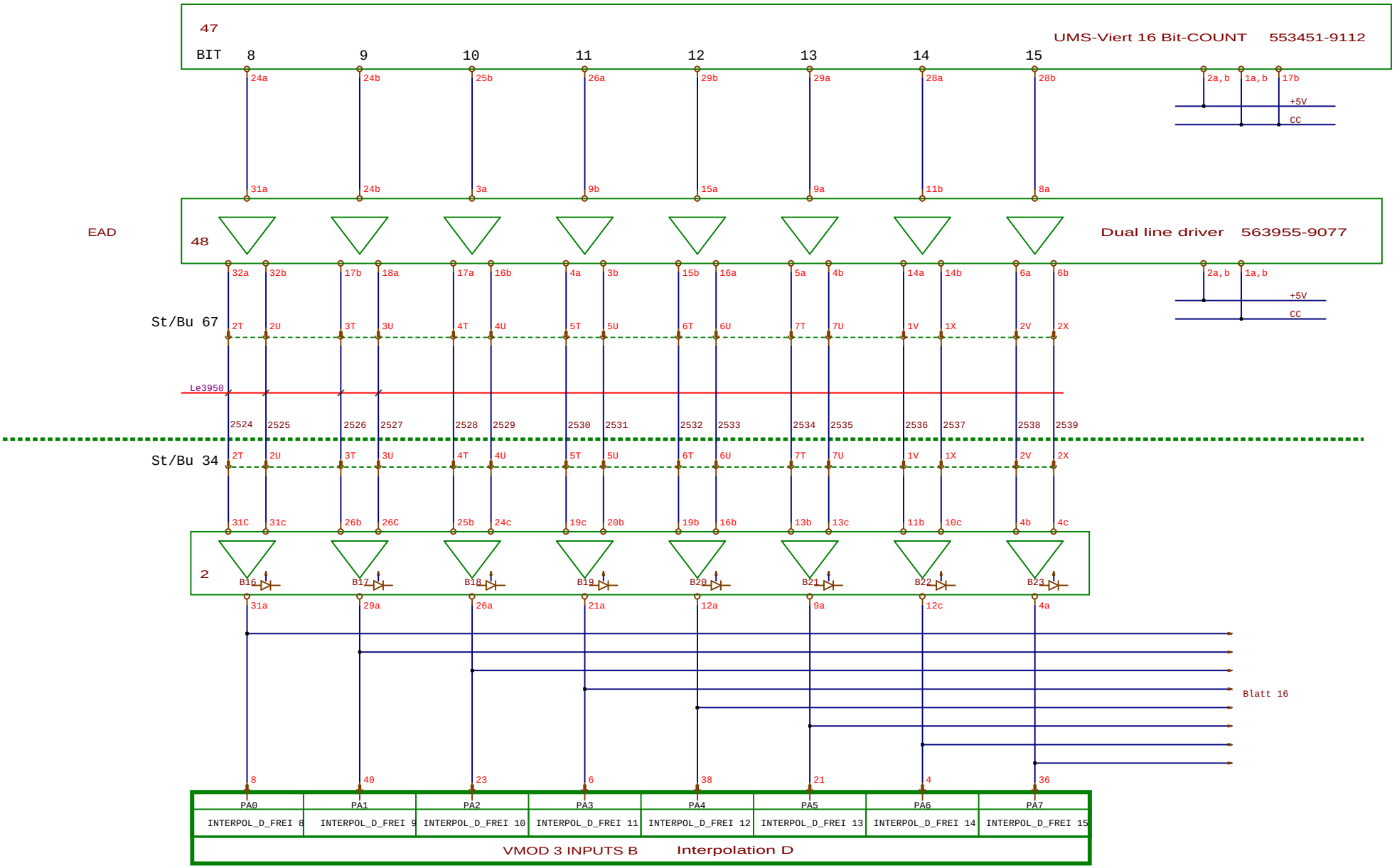
Strom D-DRIVES

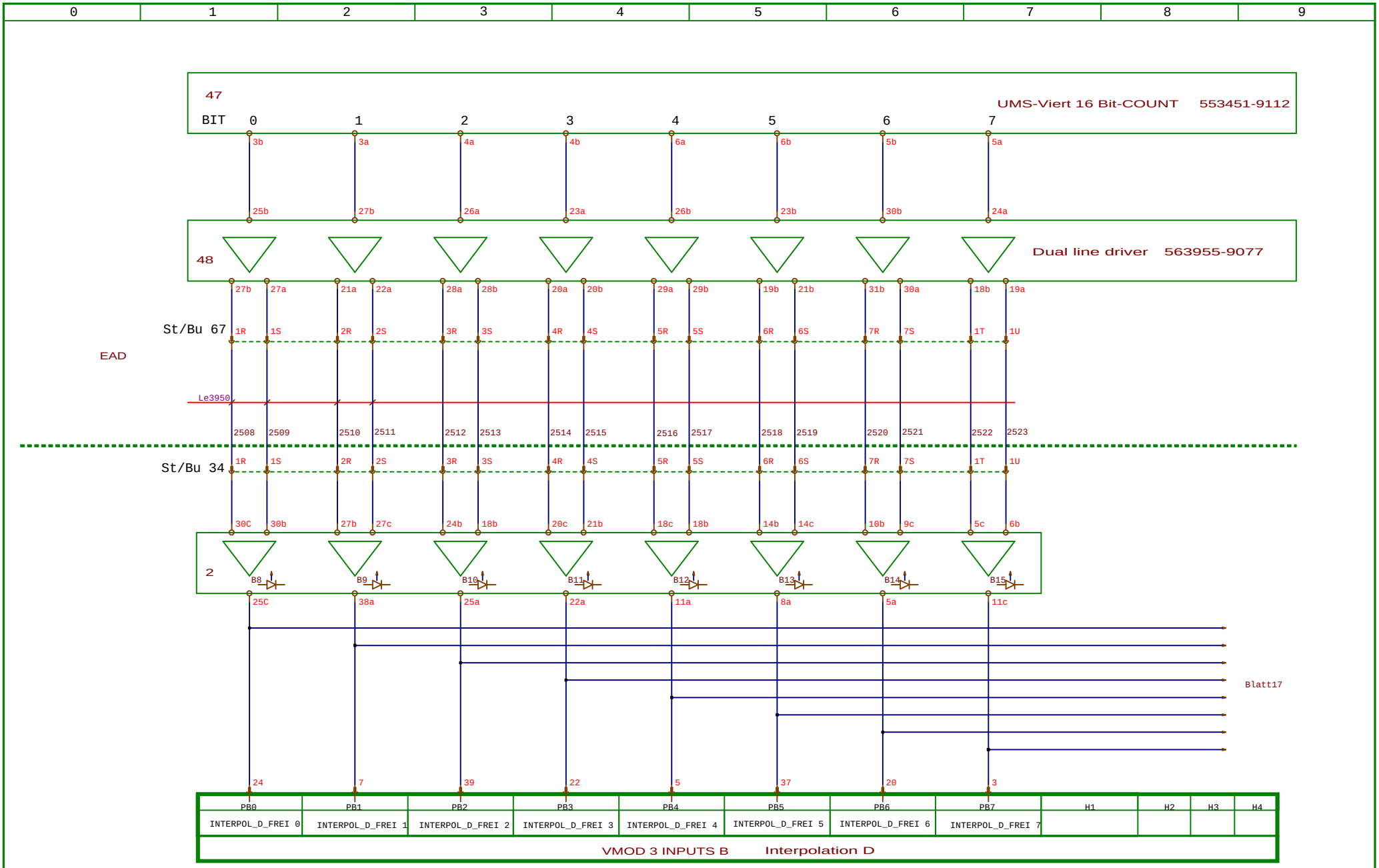
MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 11
von 38 Bl.


0
1
2
3
4
5
6
7
8
9
47
UMS-Viert 16 Bit-COUNT 553451-9112
BIT 8 9 10 11 12 13 14 15
24a 24b 25b 26a 29b 29a 28a 28b
2a,b 1a,b 17b
+5V
CC
31a 24b 3a 9b 15a 9a 11b 8a
EAD
48
Dual line driver 563955-9077
32a 32b 17b 18a 17a 16b 4a 3b 15b 16a 5a 4b 14a 14b 6a 6b
2a,b 1a,b
+5V
CC
St/Bu 67
2T 2U 3T 3U 4T 4U 5T 5U 6T 6U 7T 7U 1V 1X 2V 2X
Le3950
2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539
St/Bu 34
2T 2U 3T 3U 4T 4U 5T 5U 6T 6U 7T 7U 1V 1X 2V 2X
31C 31c 26b 26C 25b 24c 19c 20b 19b 16b 13b 13c 11b 10c 4b 4c
2
B16 B17 B18 B19 B20 B21 B22 B23
31a 29a 26a 21a 12a 9a 12c 4a
Blatt 16
8 40 23 6 38 21 4 36
PA0 PA1 PA2 PA3 PA4 PA5 PA6 PA7
INTERPOL_D_FREI 8
INTERPOL_D_FREI 9
INTERPOL_D_FREI 10
INTERPOL_D_FREI 11
INTERPOL_D_FREI 12
INTERPOL_D_FREI 13
INTERPOL_D_FREI 14
INTERPOL_D_FREI 15
VMOD 3 INPUTS B Interpolation D
Datum 29-09-03
Bearb. W.Müller
Gepr.
Norm
Zust. Änderung Datum Name
Interpolation D
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 12
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

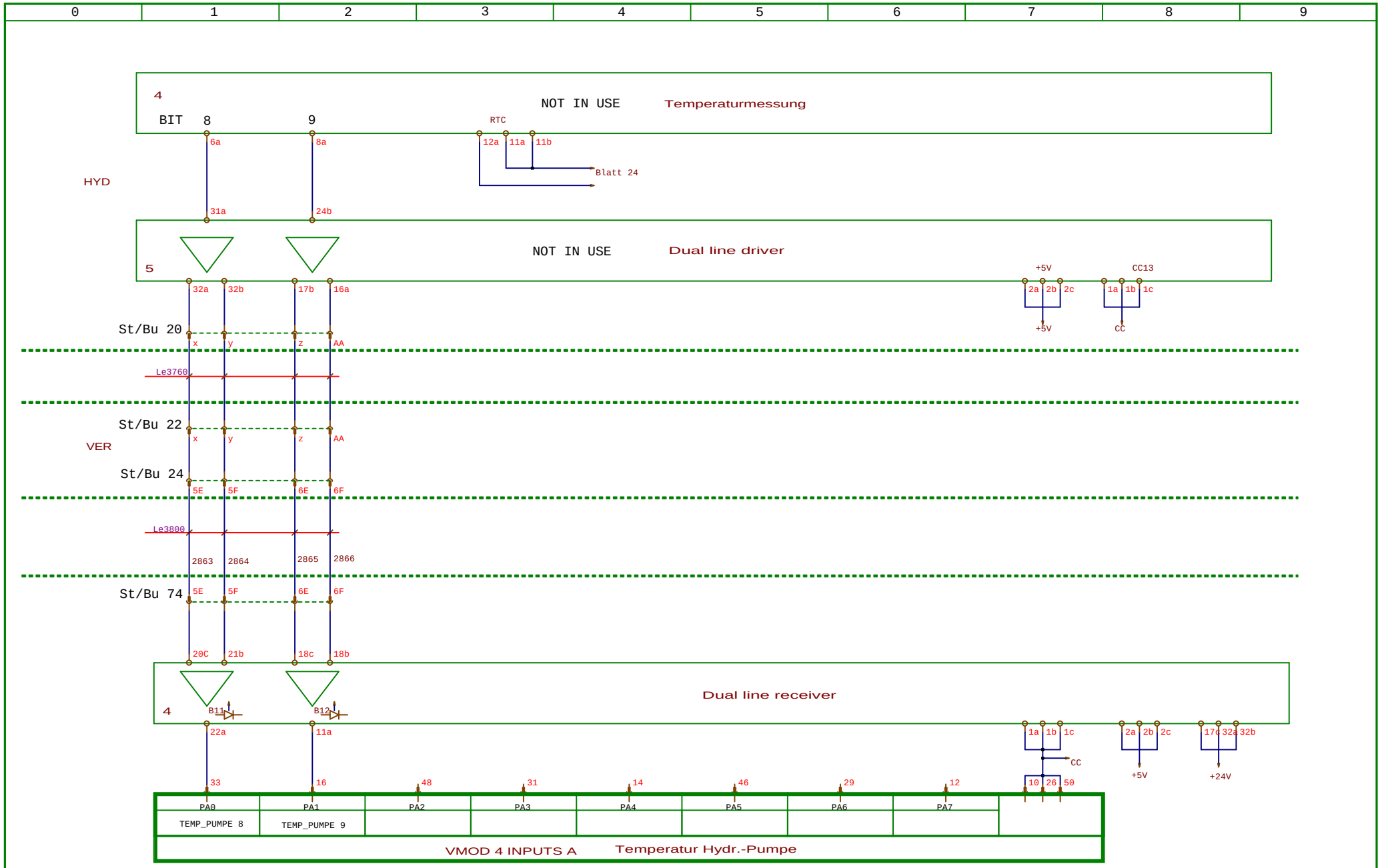
Interpolation D

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 13
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

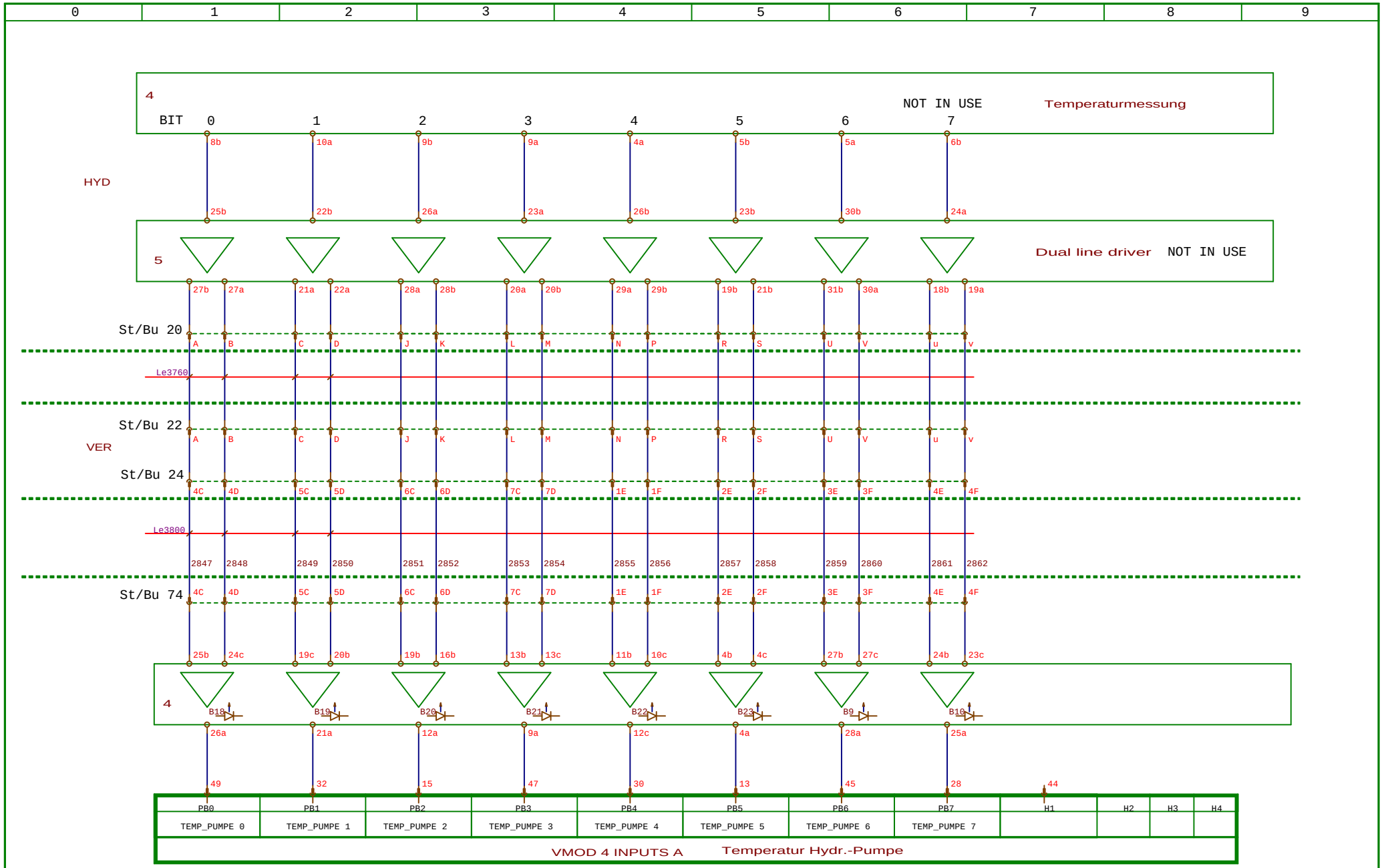
Temperatur Hydr.-Pumpe

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 14
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

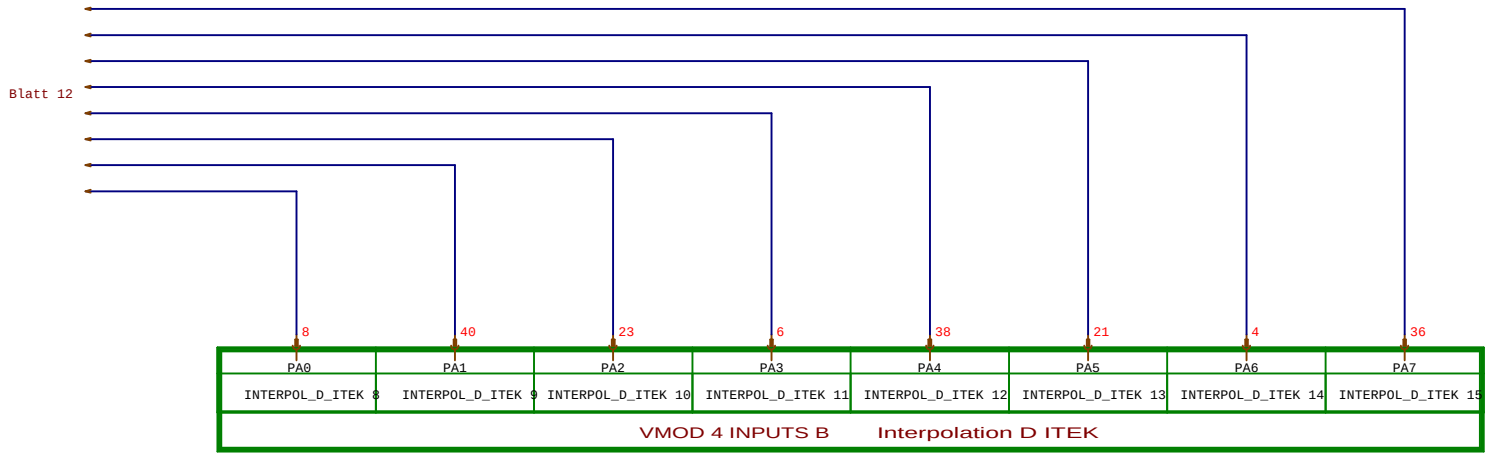
Temperatur Hydr.-Pumpe

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 15
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

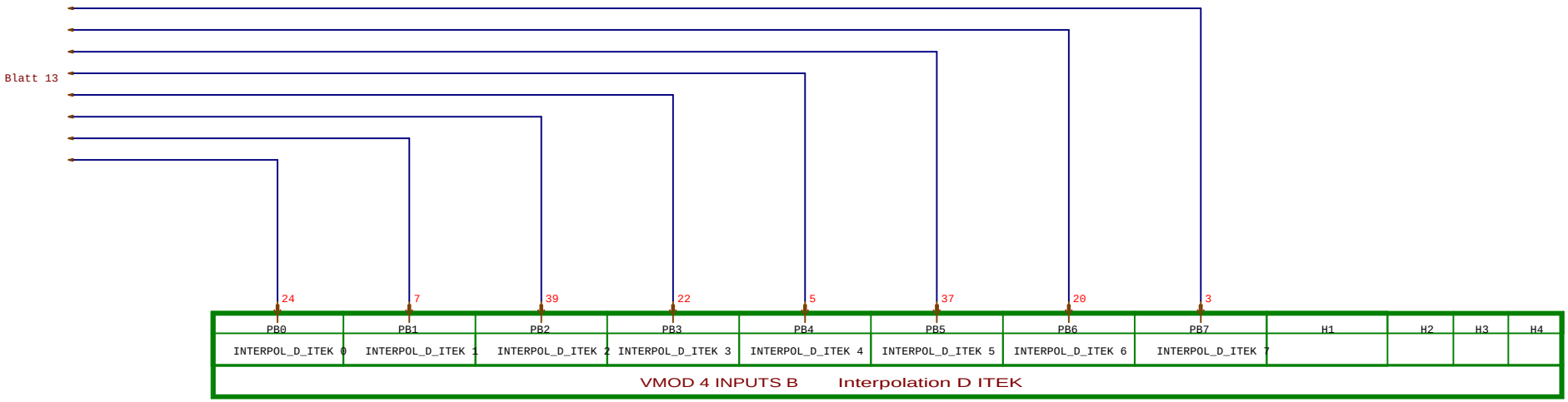
Interpolation D ITEK

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 16
von 38 Bl.



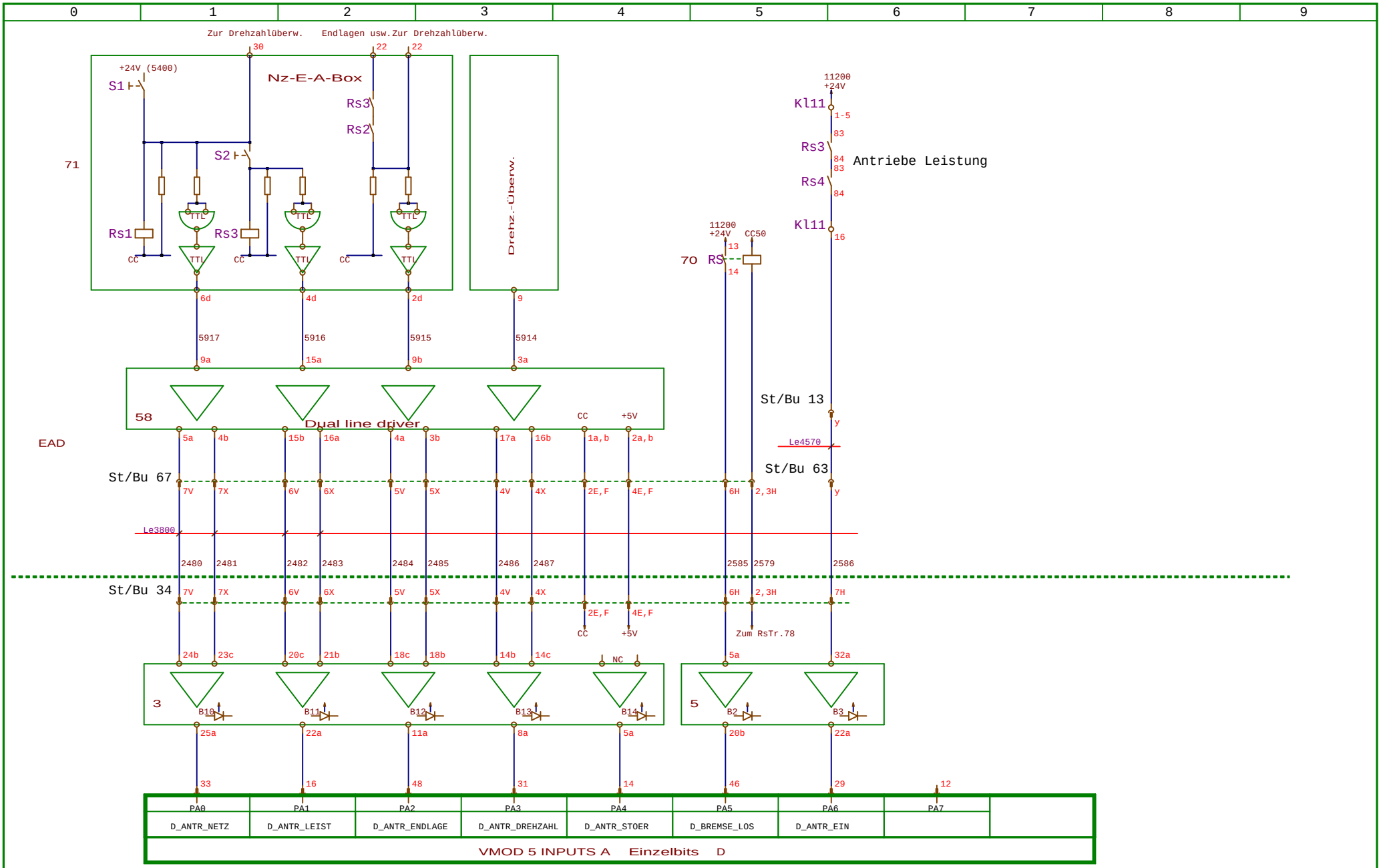
Zust.	Änderung	Datum	Name			
				Datum	29-09-03	Interpolation D ITEK
				Bearb.	W.Müller	
				Gepr.		
				Norm		

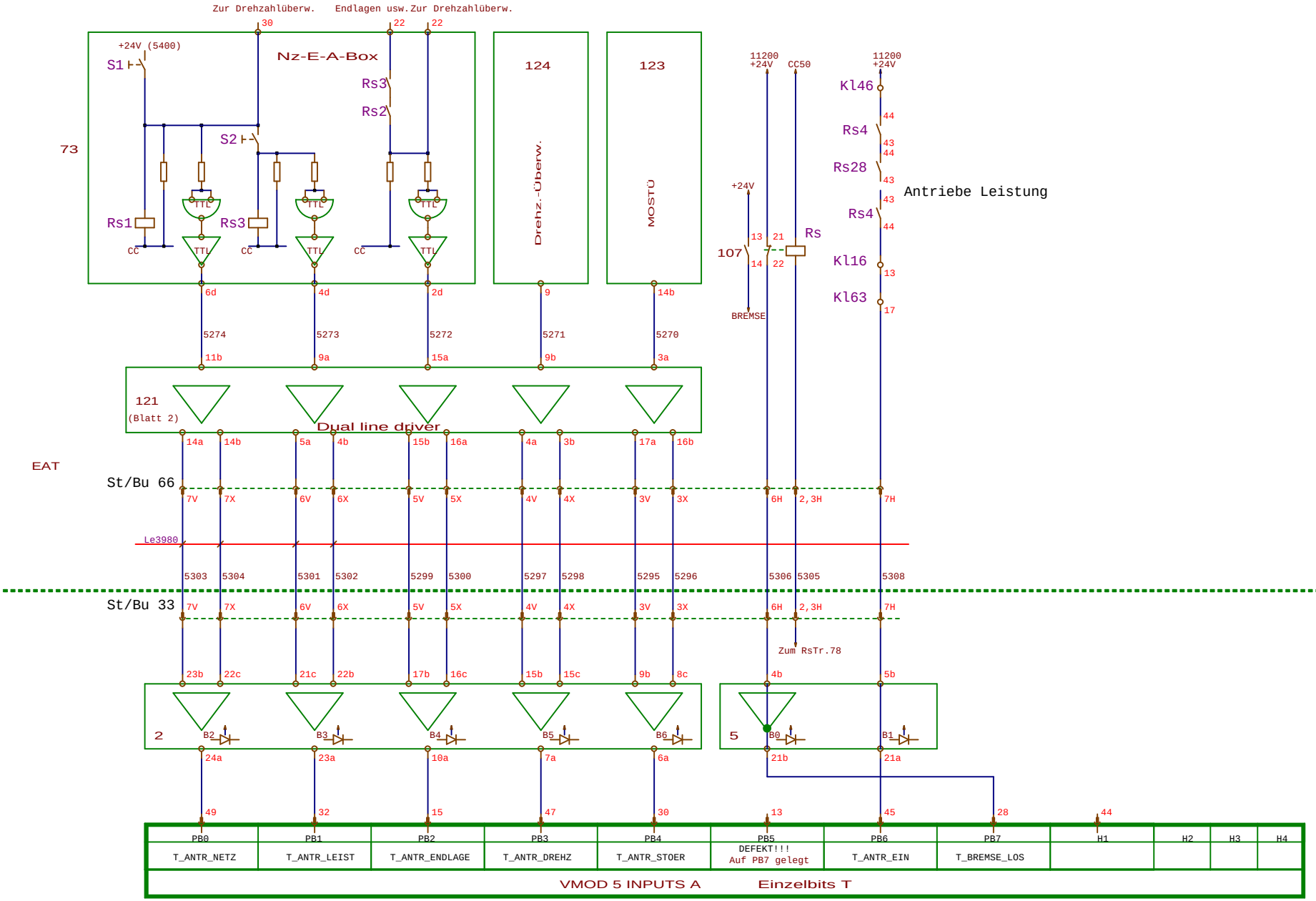
MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 17
von 38 Bl.


0
1
2
3
4
5
6
7
8
9
Zur Drehzahlüberw.
Endlagen usw.Zur Drehzahlüberw.
30
22
22
+24V (5400)
S1
Nz-E-A-Box
Rs3
Rs2
71
S2
Rs1
Rs3
TTL
CC
Drehz.-Überw.
6d
4d
2d
9
5917
5916
5915
5914
9a
15a
9b
3a
58
Dual line driver
CC
+5V
EAD
5a
4b
15b
16a
4a
3b
17a
16b
1a,b
2a,b
St/Bu 67
7V
7X
6V
6X
5V
5X
4V
4X
2E,F
4E,F
Le3800
2480
2481
2482
2483
2484
2485
2486
2487
St/Bu 34
24b
23c
20c
21b
18c
18b
14b
14c
NC
3
B10
B11
B12
B13
B14
25a
22a
11a
8a
5a
33
16
48
31
14
11200
+24V
Kl11
1-5
83
Rs3
84
83
Rs4
84
Kl11
16
Antriebe Leistung
11200
+24V
CC50
70 RS
13
14
St/Bu 13
y
Le4570
St/Bu 63
6H
2,3H
y
2585
2579
2586
7H
Zum RsTr.78
5a
32a
5
B2
B3
20b
22a
46
29
12
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
D_ANTR_NETZ
D_ANTR_LEIST
D_ANTR_ENDLAGE
D_ANTR_DREHZAHL
D_ANTR_STOER
D_BREMSE_LOS
D_ANTR_EIN
VMOD 5 INPUTS A Einzelbits D
Datum
29-09-03
Bearb.
W.Müller
Gepr.
Norm
Zust.
Änderung
Datum
Name
Einzelbits D
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 18
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

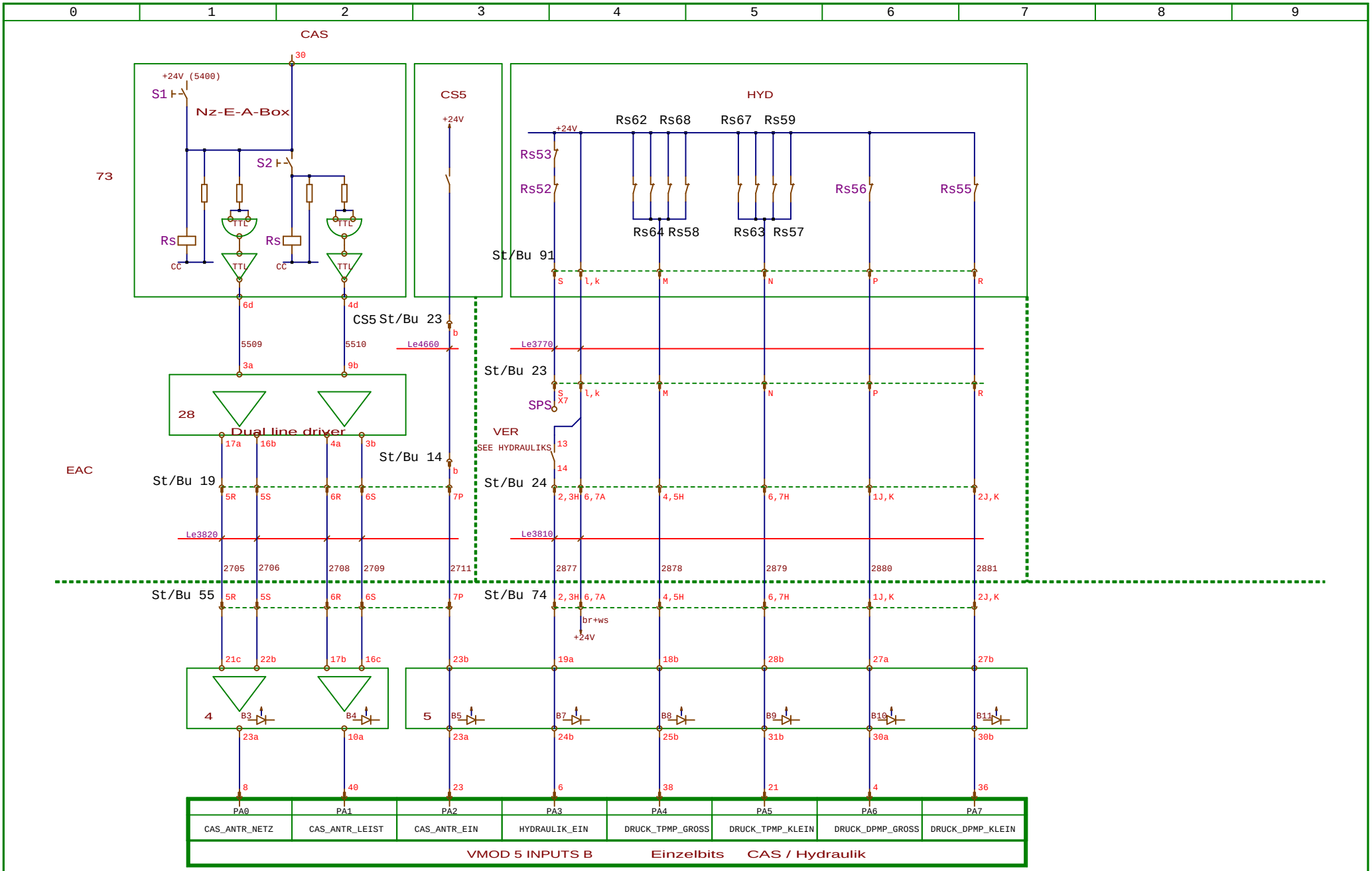
Einzelbits T

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 19
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

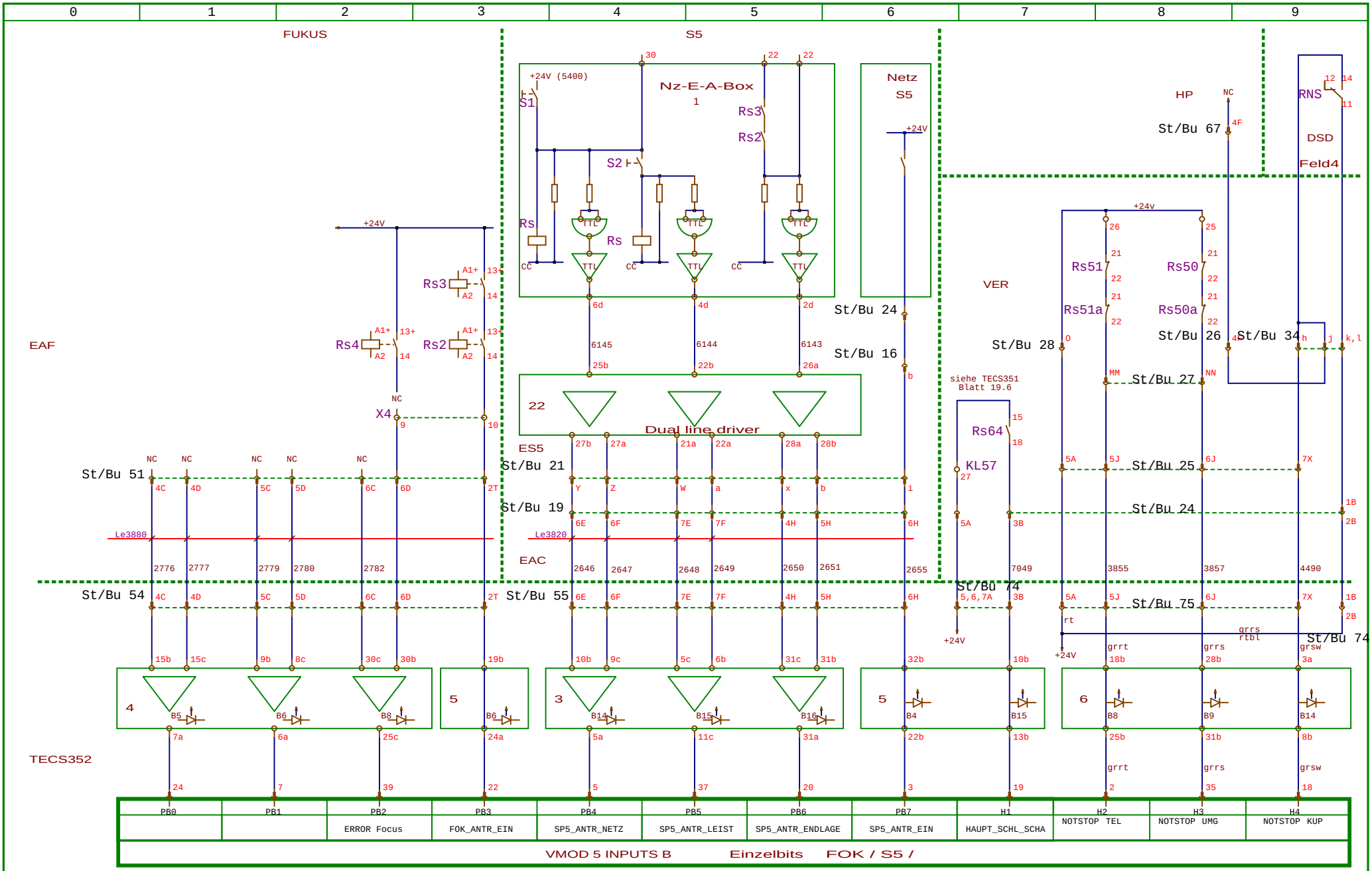
Einzelbits CAS / Hydraulik

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 20
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

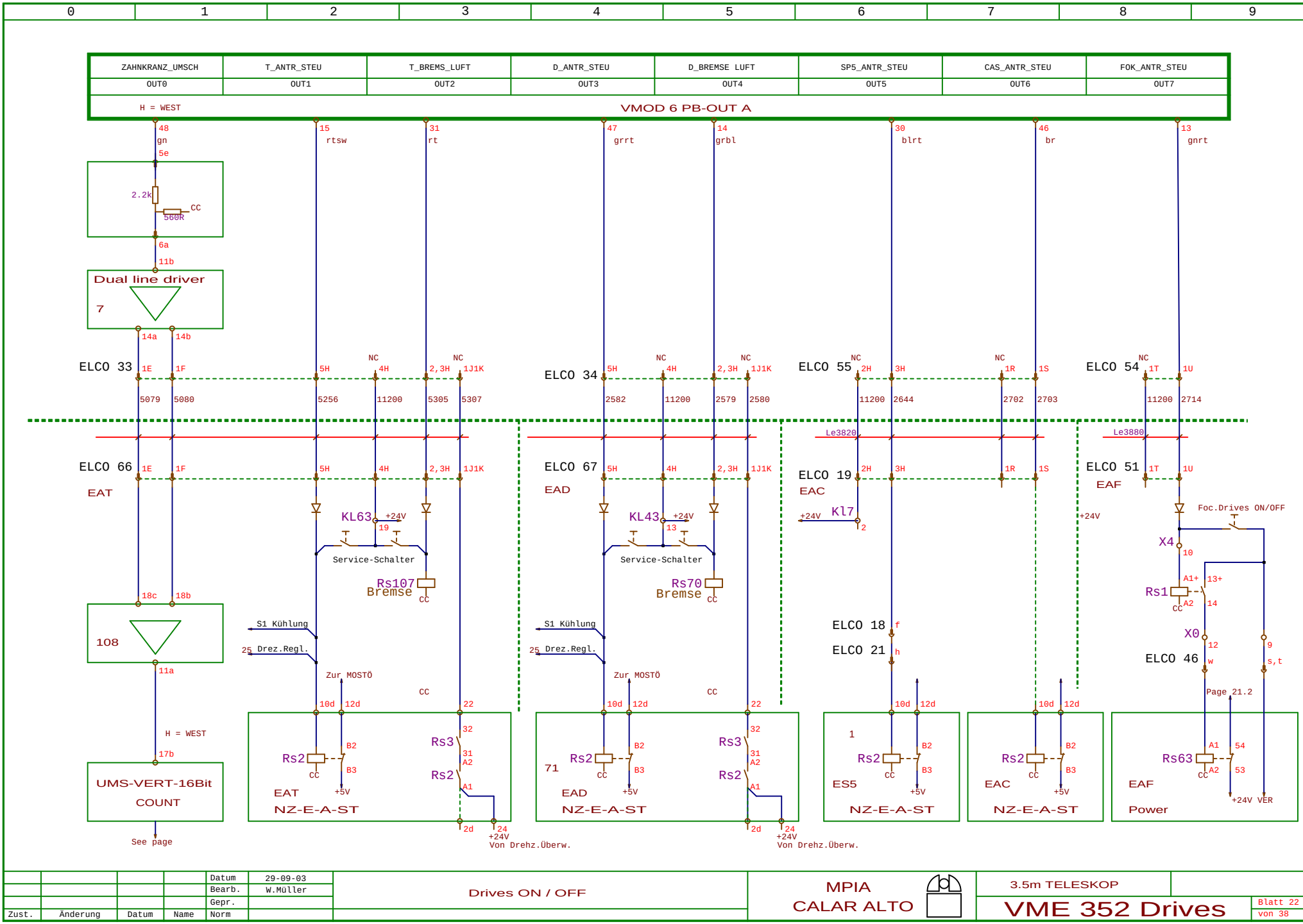
Einzelbits FOK / S5 / Not-Stop-Rückm.

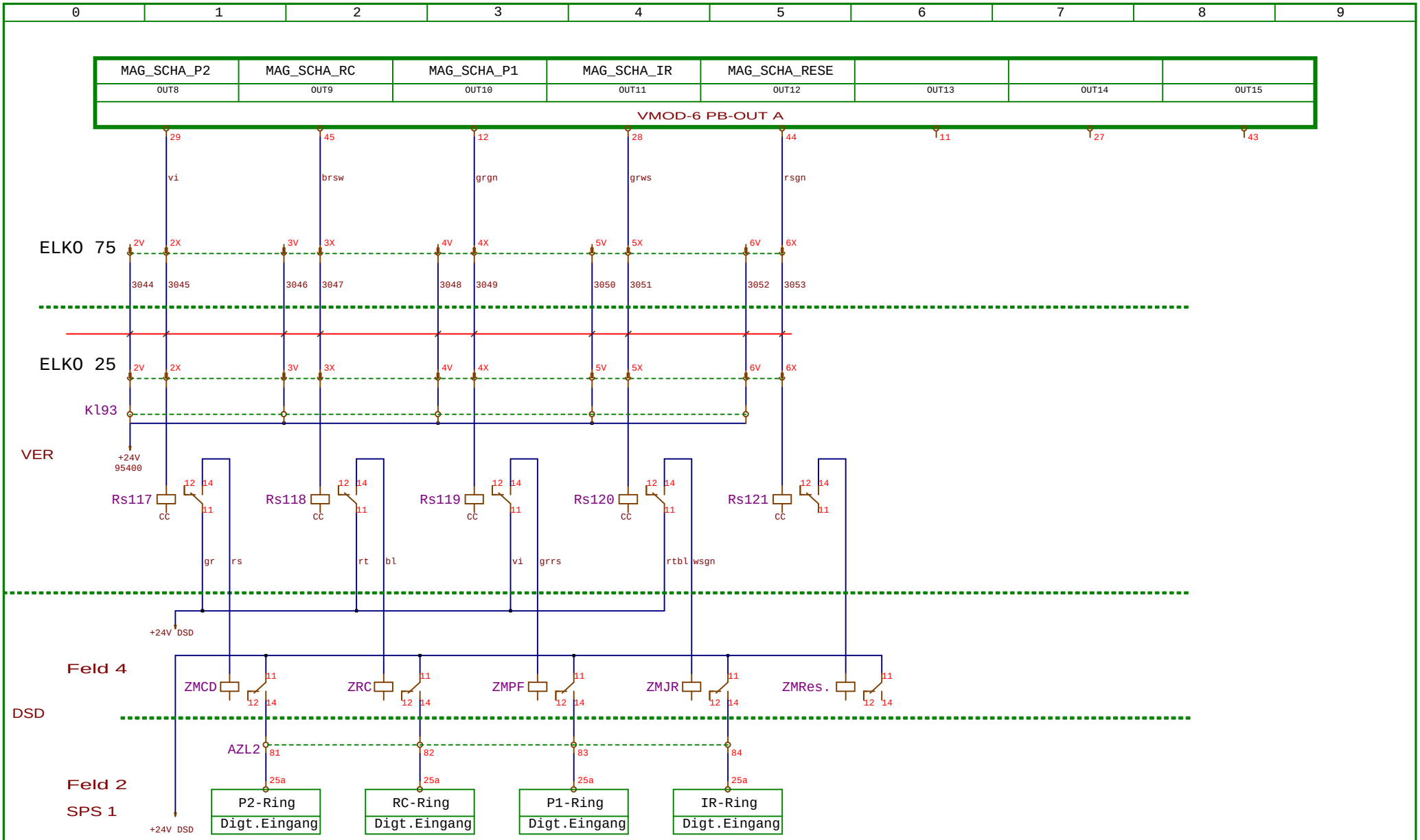
MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 21
von 38 Bl.


0
1
2
3
4
5
6
7
8
9
ZAHNKRANZ_UMSCH
T_ANTR_STEU
T_BREMS_LUFT
D_ANTR_STEU
D_BREMSE LUFT
SP5_ANTR_STEU
CAS_ANTR_STEU
FOK_ANTR_STEU
OUT0
OUT1
OUT2
OUT3
OUT4
OUT5
OUT6
OUT7
H = WEST
VMOD 6 PB-OUT A
48
gn
5e
2.2k
CC
560R
6a
11b
Dual line driver
7
14a
14b
15
rtsw
31
rt
47
grrt
14
grbl
30
blrt
46
br
13
gnrt
ELCO 33
1E
1F
5H
NC
4H
2,3H
NC
1J1K
5079
5080
5256
11200
5305
5307
ELCO 34
2582
11200
2579
2580
ELCO 55
2H
3H
1R
1S
11200
2644
2702
2703
ELCO 54
1T
1U
11200
2714
Le3820
Le3880
ELCO 66
EAT
ELCO 67
EAD
ELCO 19
EAC
Kl7
+24V
2
ELCO 51
EAF
Foc.Drives ON/OFF
X4
10
KL63
KL43
19
13
Service-Schalter
Rs107
Rs70
Bremse
Rs1
A1+
13+
A2
14
18c
18b
108
11a
S1 Kühlung
25 Drez.Regl.
Zur MOSTÖ
X0
12
9
s,t
ELCO 46
w
ELCO 18
f
ELCO 21
h
10d
12d
22
Page 21.2
Rs2
B2
B3
+5V
Rs3
32
31
A2
A1
Rs63
54
53
1
ES5
71
EAT
EAD
EAC
EAF
NZ-E-A-ST
Power
+24V VER
H = WEST
17b
UMS-VERT-16Bit
COUNT
See page
2d
24
+24V
Von Drehz.Überw.
Datum
29-09-03
Bearb.
W.Müller
Gepr.
Norm
Zust.
Änderung
Datum
Name
Drives ON / OFF
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 22
von 38
Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

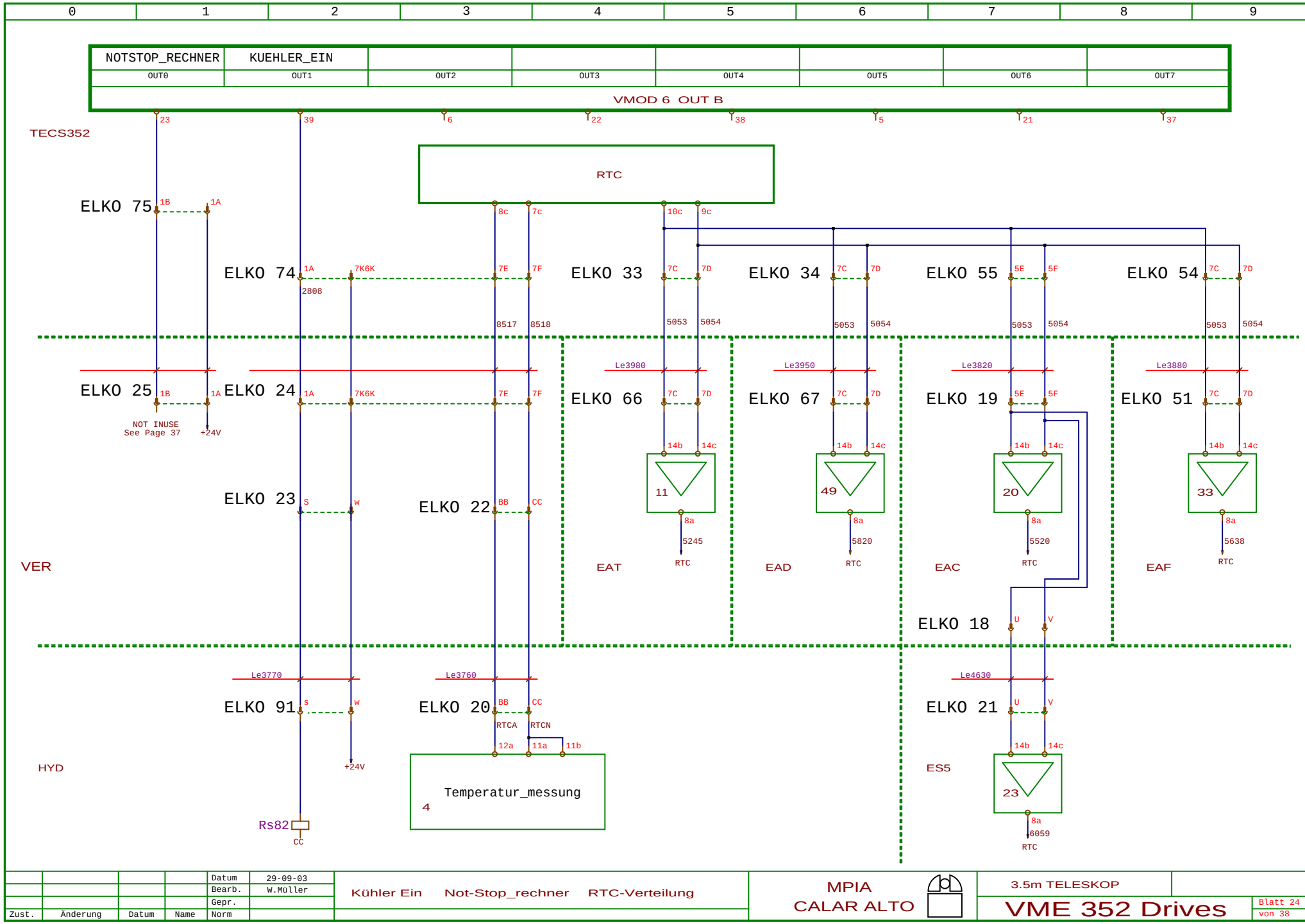
Magazinplatz-Schalter

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 23
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

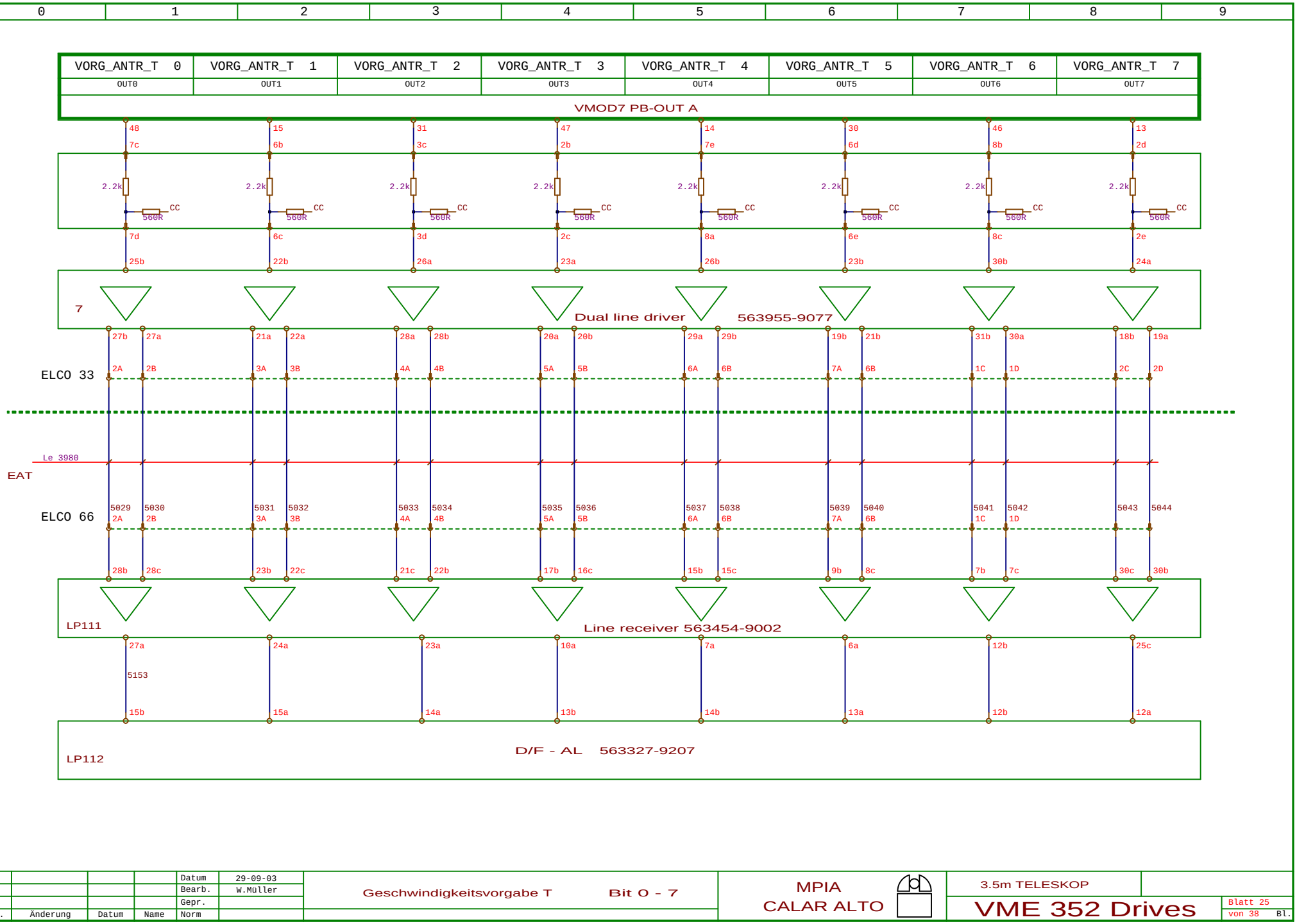
Kühler Ein Not-Stop_rechner RTC-Verteilung

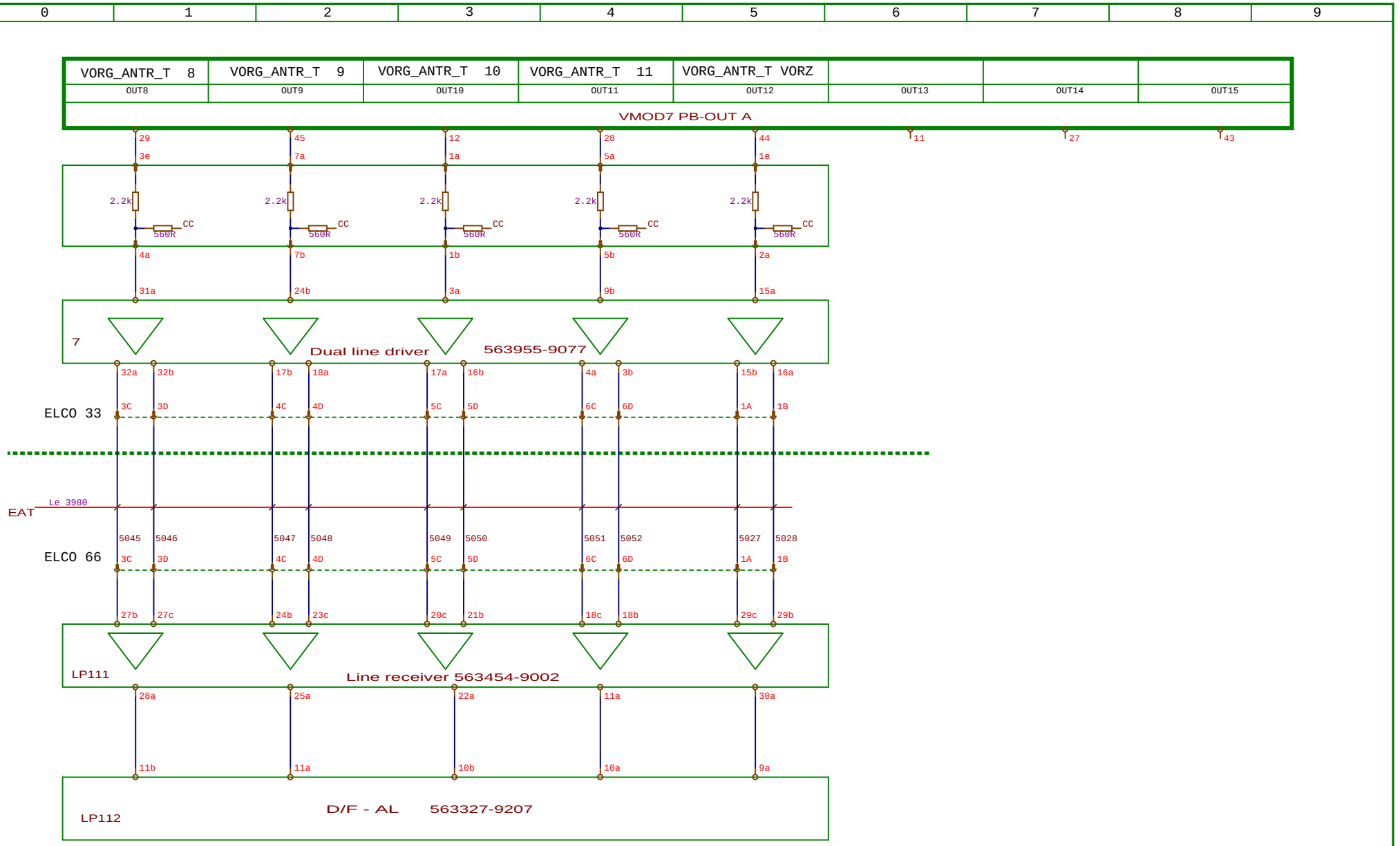
MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 24
von 38 Bl.


0 1 2 3 4 5 6 7 8 9
VORG_ANTR_T 0
VORG_ANTR_T 1
VORG_ANTR_T 2
VORG_ANTR_T 3
VORG_ANTR_T 4
VORG_ANTR_T 5
VORG_ANTR_T 6
VORG_ANTR_T 7
OUT0
OUT1
OUT2
OUT3
OUT4
OUT5
OUT6
OUT7
VMOD7 PB-OUT A
48 15 31 47 14 30 46 13
7c 6b 3c 2b 7e 6d 8b 2d
2.2k
CC
560R
7d 6c 3d 2c 8a 6e 8c 2e
25b 22b 26a 23a 26b 23b 30b 24a
7
Dual line driver
563955-9077
27b 27a 21a 22a 28a 28b 20a 20b 29a 29b 19b 21b 31b 30a 18b 19a
ELCO 33
2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 6B 1C 1D 2C 2D
Le 3980
EAT
ELCO 66
5029 5030 5031 5032 5033 5034 5035 5036 5037 5038 5039 5040 5041 5042 5043 5044
2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 6B 1C 1D
28b 28c 23b 22c 21c 22b 17b 16c 15b 15c 9b 8c 7b 7c 30c 30b
LP111
Line receiver 563454-9002
27a 24a 23a 10a 7a 6a 12b 25c
5153
15b 15a 14a 13b 14b 13a 12b 12a
LP112
D/F - AL 563327-9207
Datum 29-09-03
Bearb. W.Müller
Gepr.
Zust. Änderung Datum Name Norm
Geschwindigkeitsvorgabe T Bit 0 - 7
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 25
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

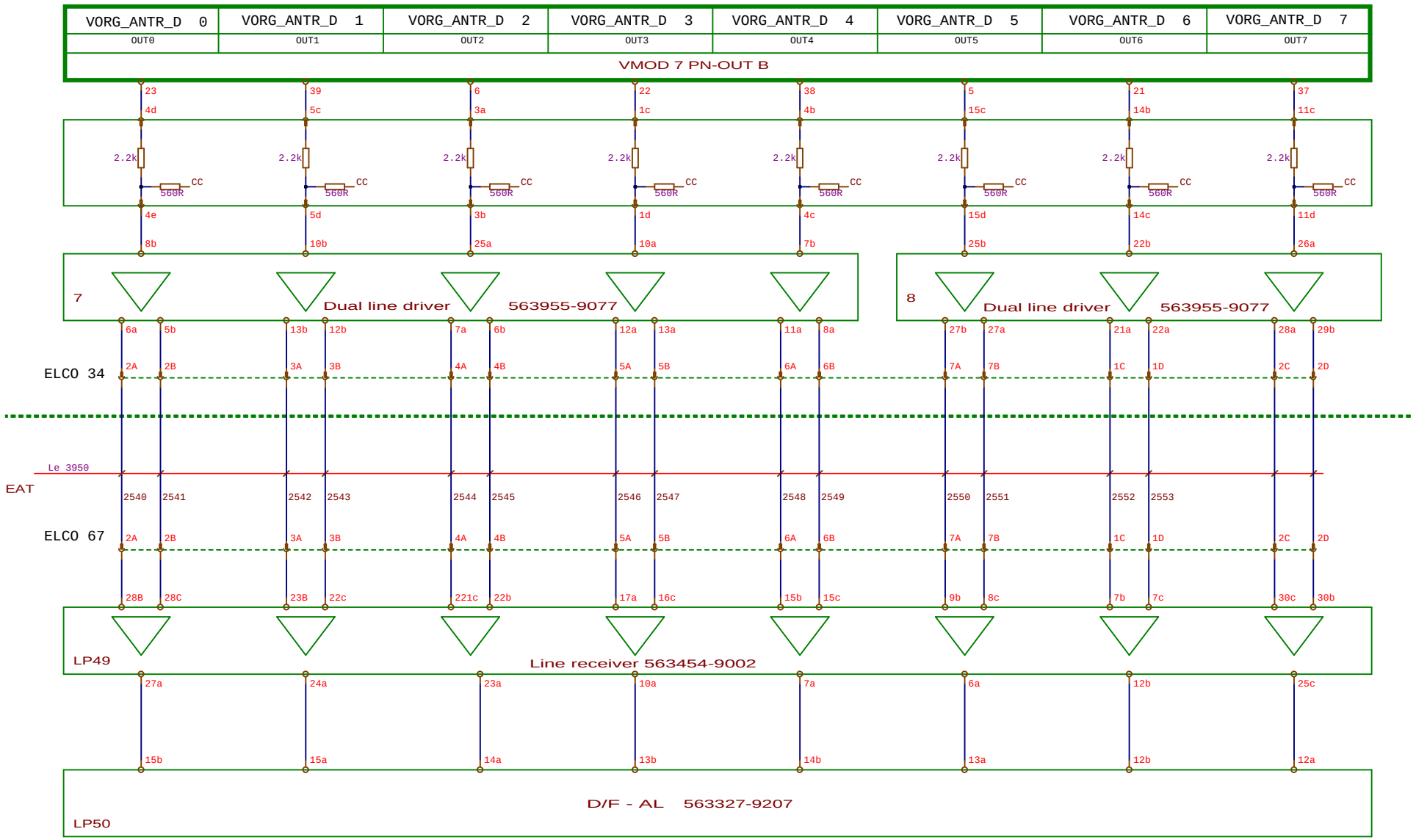
Geschwindigkeitsvorgabe T — BIT 8 - 12

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 26
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

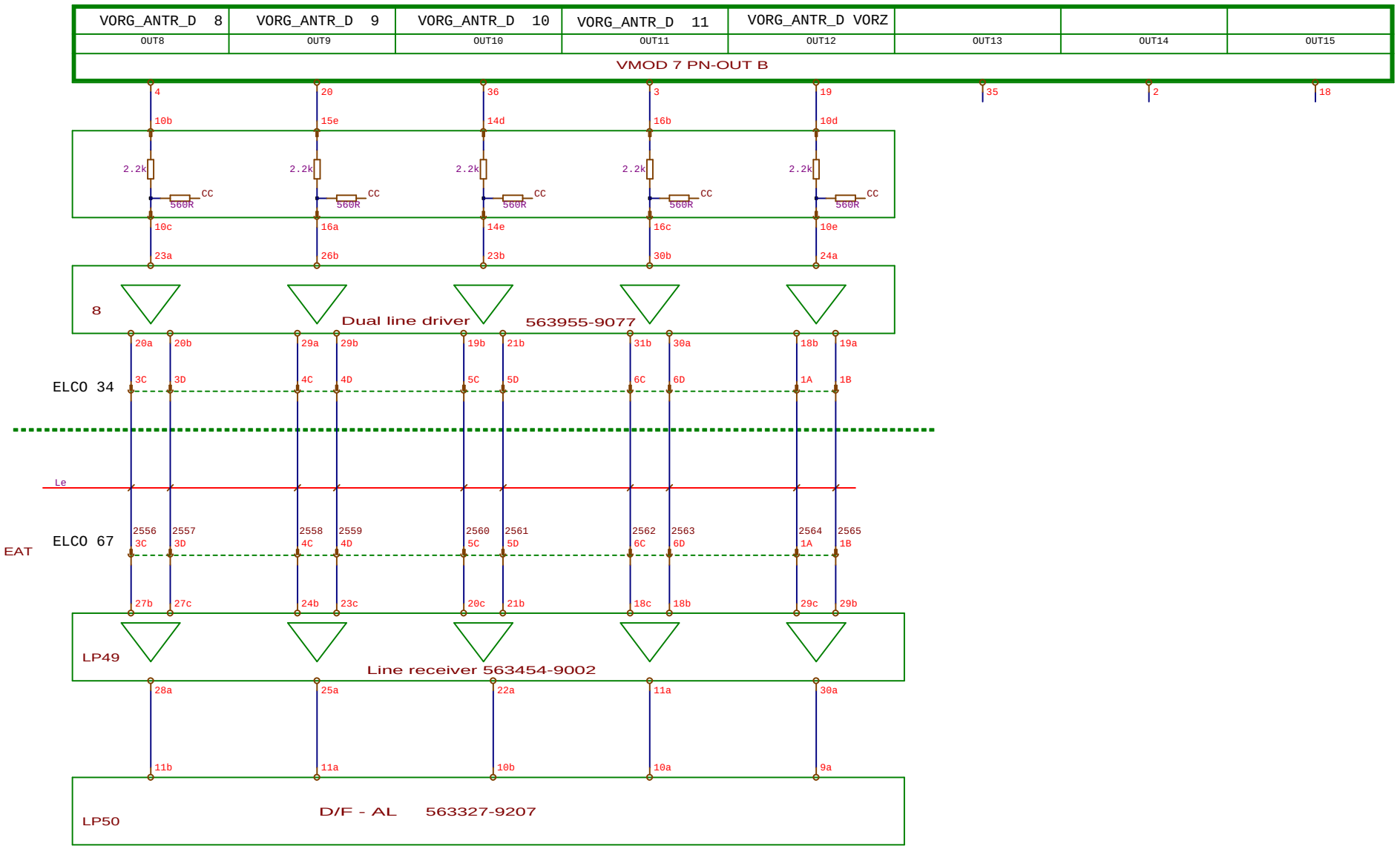
Geschwindigkeitsvorgabe D Bit 0 - 7

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 27
von 38 Bl.



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				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

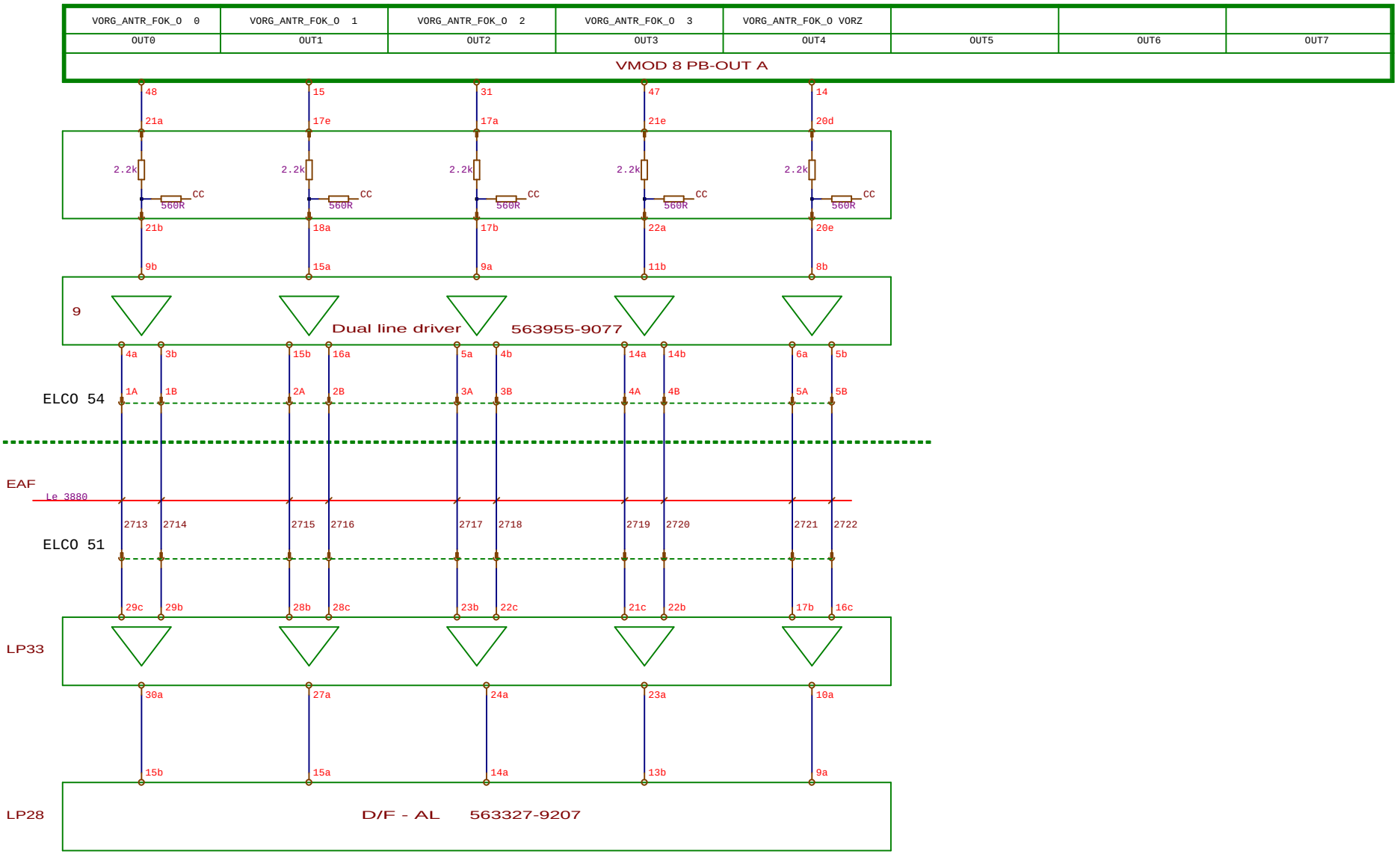
Geschwindigkeitsvorgabe D Bit 8 - 12

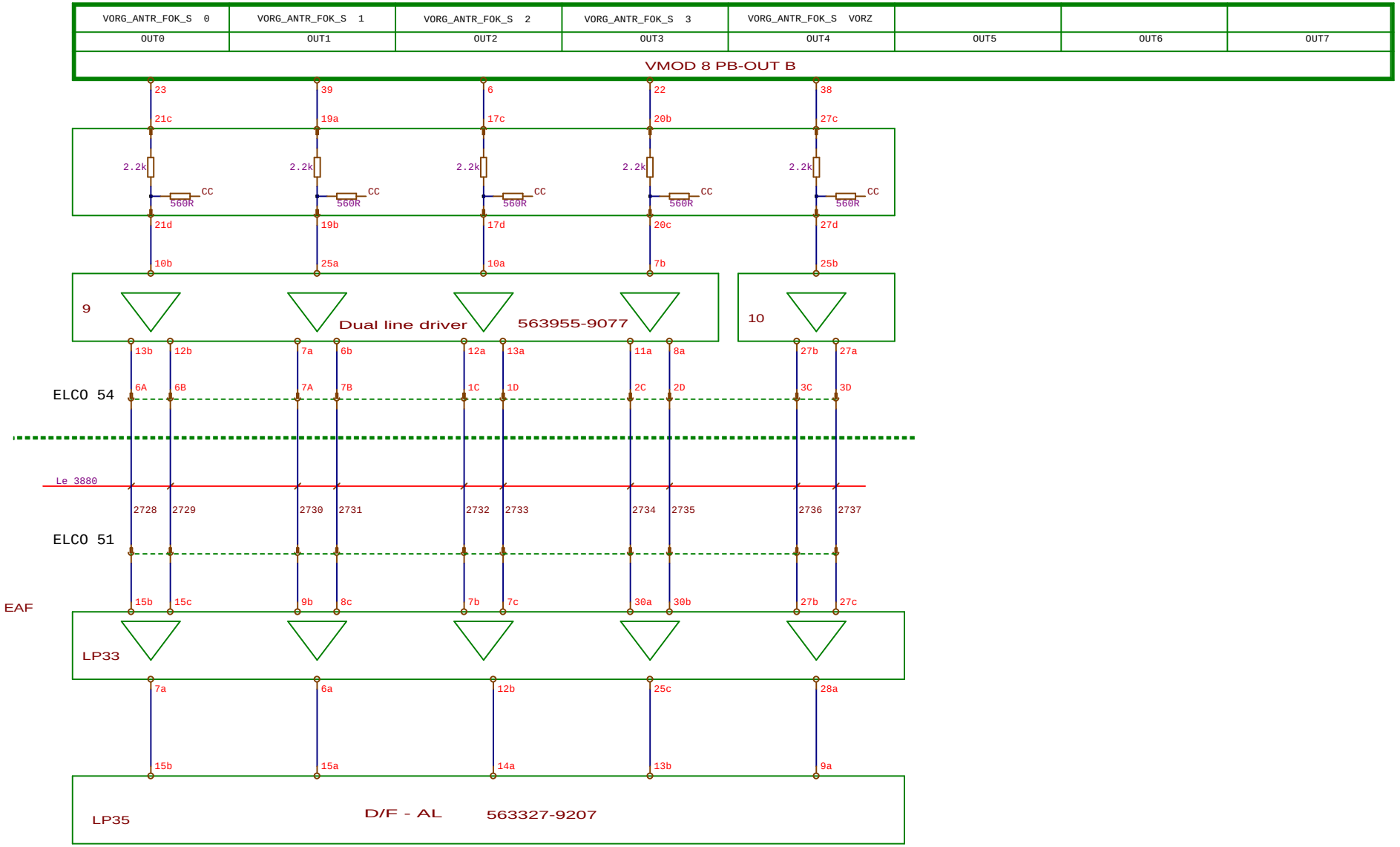
MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 28
von 38 Bl.


0 1 2 3 4 5 6 7 8 9
VORG_ANTR_FOK_0 0
VORG_ANTR_FOK_0 1
VORG_ANTR_FOK_0 2
VORG_ANTR_FOK_0 3
VORG_ANTR_FOK_0 VORZ
OUT0
OUT1
OUT2
OUT3
OUT4
OUT5
OUT6
OUT7
VMOD 8 PB-OUT A
48
15
31
47
14
21a
17e
17a
21e
20d
2.2k
CC
560R
21b
18a
17b
22a
20e
9b
15a
9a
11b
8b
9
Dual line driver 563955-9077
4a
3b
15b
16a
5a
4b
14a
14b
6a
5b
ELCO 54
1A
1B
2A
2B
3A
3B
4A
4B
5A
5B
EAF
Le 3880
2713
2714
2715
2716
2717
2718
2719
2720
2721
2722
ELCO 51
29c
29b
28b
28c
23b
22c
21c
22b
17b
16c
LP33
30a
27a
24a
23a
10a
15b
15a
14a
13b
9a
LP28
D/F - AL 563327-9207
Datum 29-09-03
Bearb. W.Müller
Gepr.
Zust. Änderung Datum Name Norm
Geschwindigkeitsvorgabe Fokus Ost Bit 0 - 4
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 29
von 38 Bl.



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

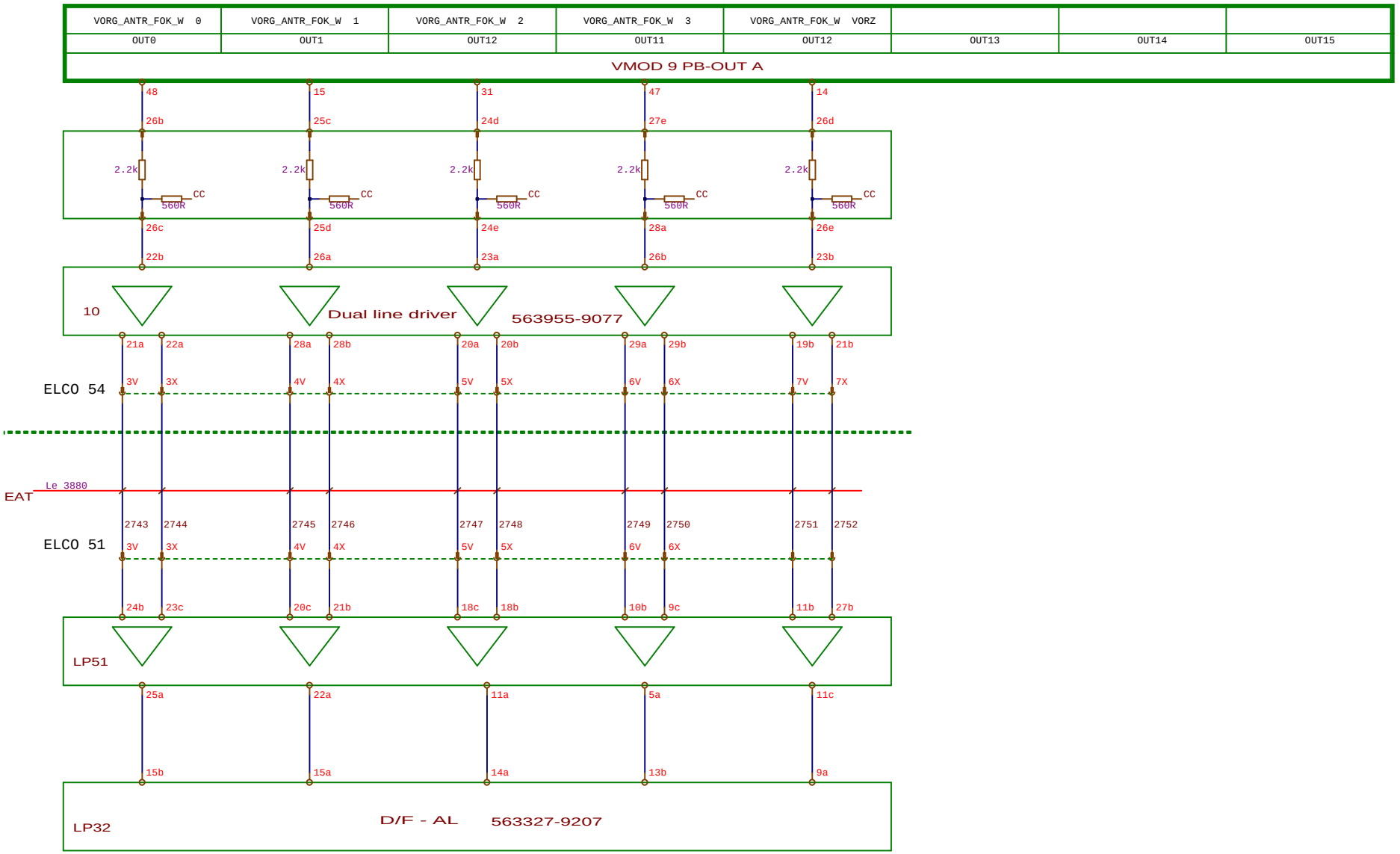
Geschwindigkeitsvorgabe Fokus Süd Bit 0 - 4

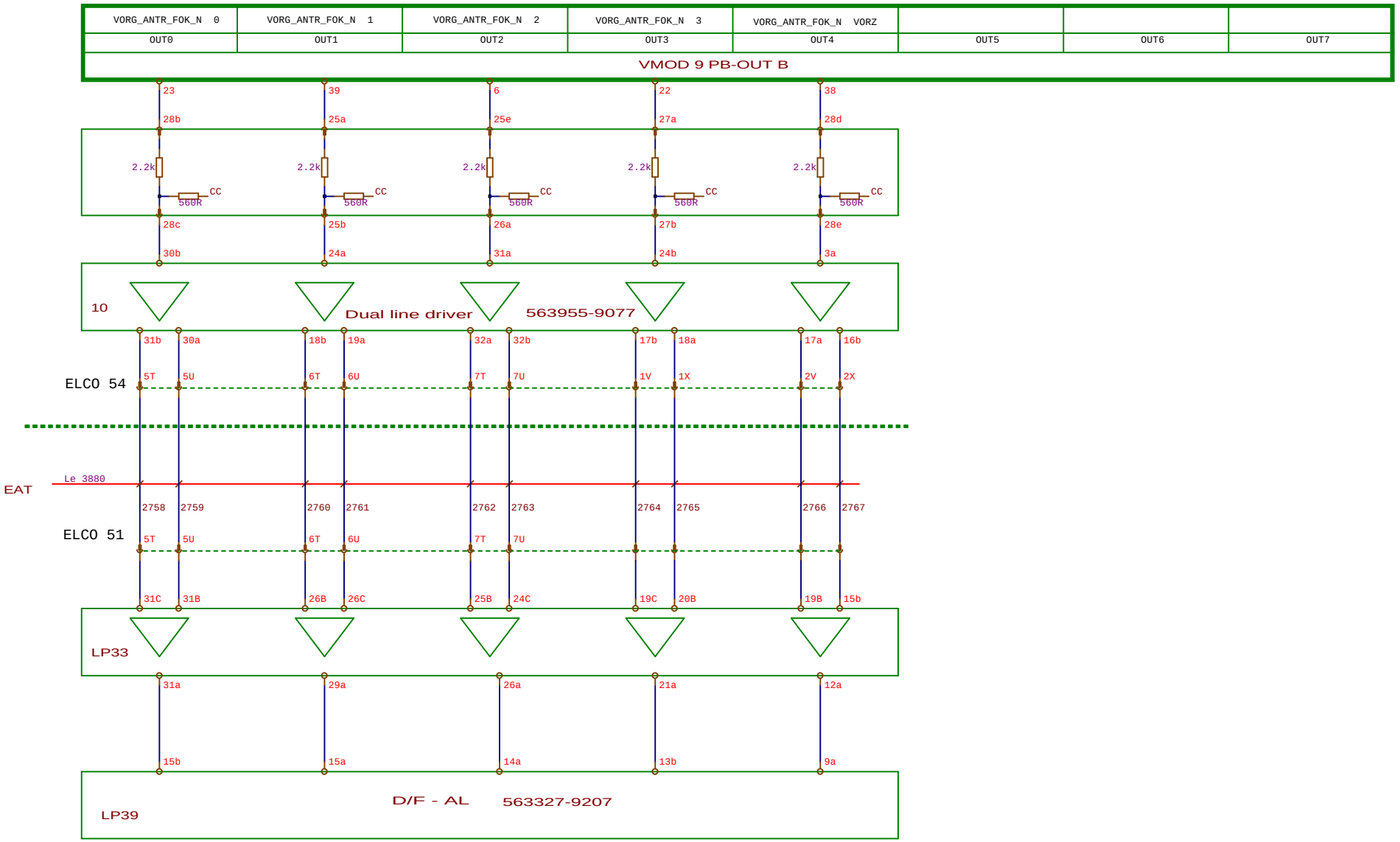
MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 30
von 38 Bl.


0
1
2
3
4
5
6
7
8
9
VORG_ANTR_FOK_W 0
VORG_ANTR_FOK_W 1
VORG_ANTR_FOK_W 2
VORG_ANTR_FOK_W 3
VORG_ANTR_FOK_W VORZ
OUT0
OUT1
OUT12
OUT11
OUT12
OUT13
OUT14
OUT15
VMOD 9 PB-OUT A
48
15
31
47
14
26b
25c
24d
27e
26d
2.2k
CC
560R
26c
25d
24e
28a
26e
22b
26a
23a
26b
23b
10
Dual line driver
563955-9077
21a
22a
28a
28b
20a
20b
29a
29b
19b
21b
ELCO 54
3V
3X
4V
4X
5V
5X
6V
6X
7V
7X
EAT
Le 3880
2743
2744
2745
2746
2747
2748
2749
2750
2751
2752
ELCO 51
24b
23c
20c
21b
18c
18b
10b
9c
11b
27b
LP51
25a
22a
11a
5a
11c
15b
15a
14a
13b
9a
LP32
D/F - AL
563327-9207
Datum
29-09-03
Bearb.
W.Müller
Gepr.
Norm
Zust.
Änderung
Datum
Name
Geschwindigkeitsvorgabe Fokus West Bit 0- 4
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 31
von 38
Bl.



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				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

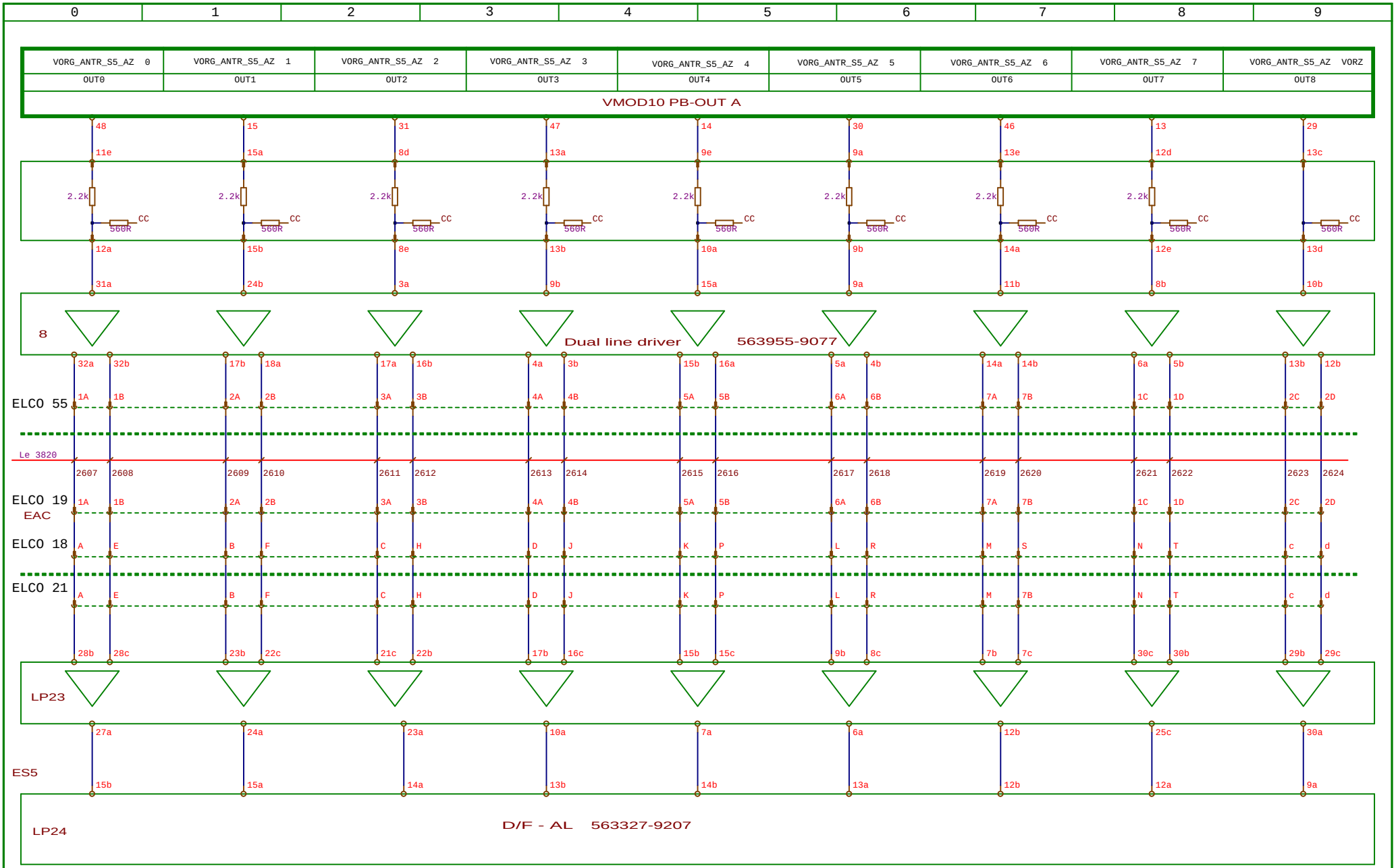
Geschwindigkeitsvrgabe Nord Bit 0 - 4

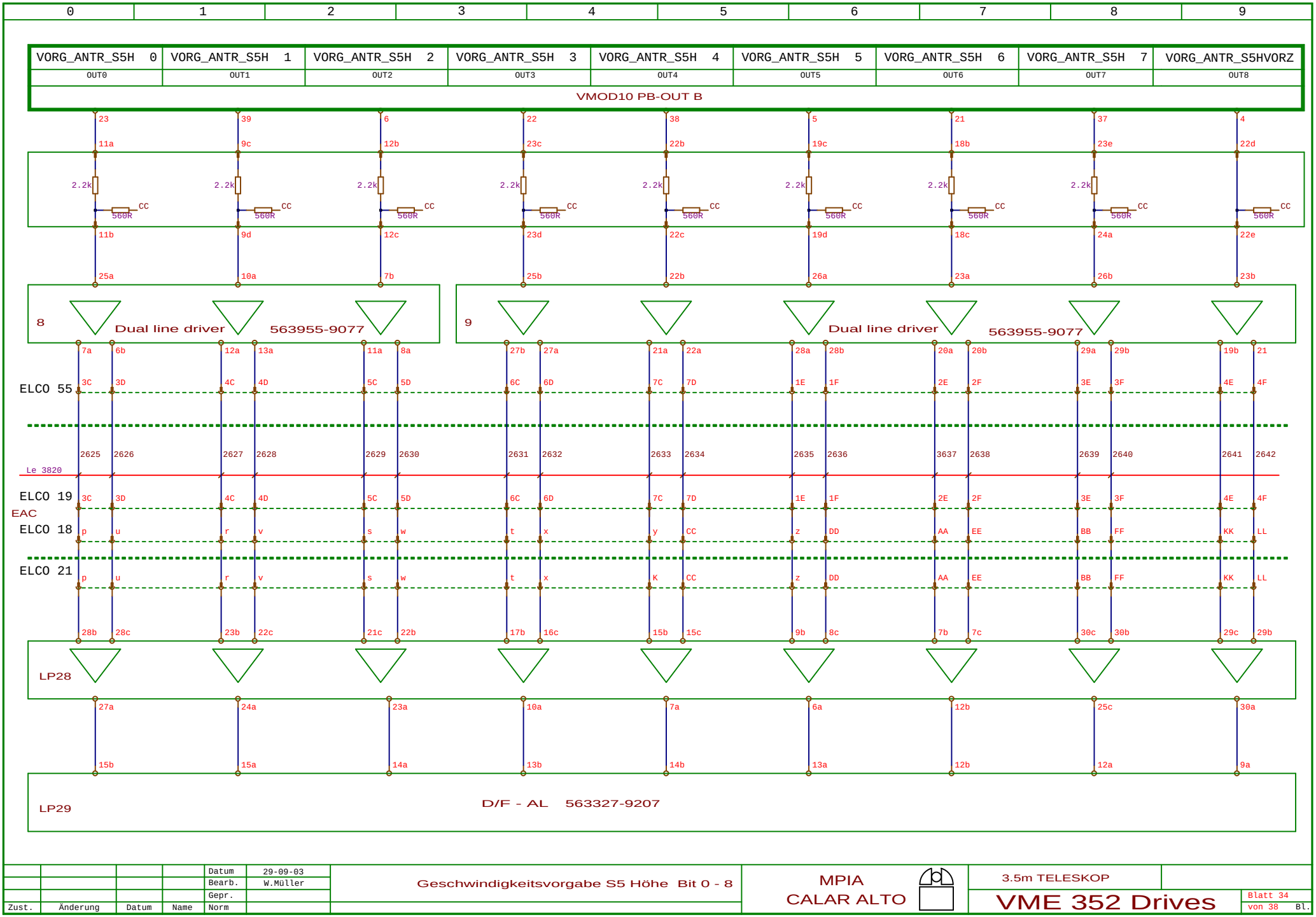
MPIA
CALAR ALTO

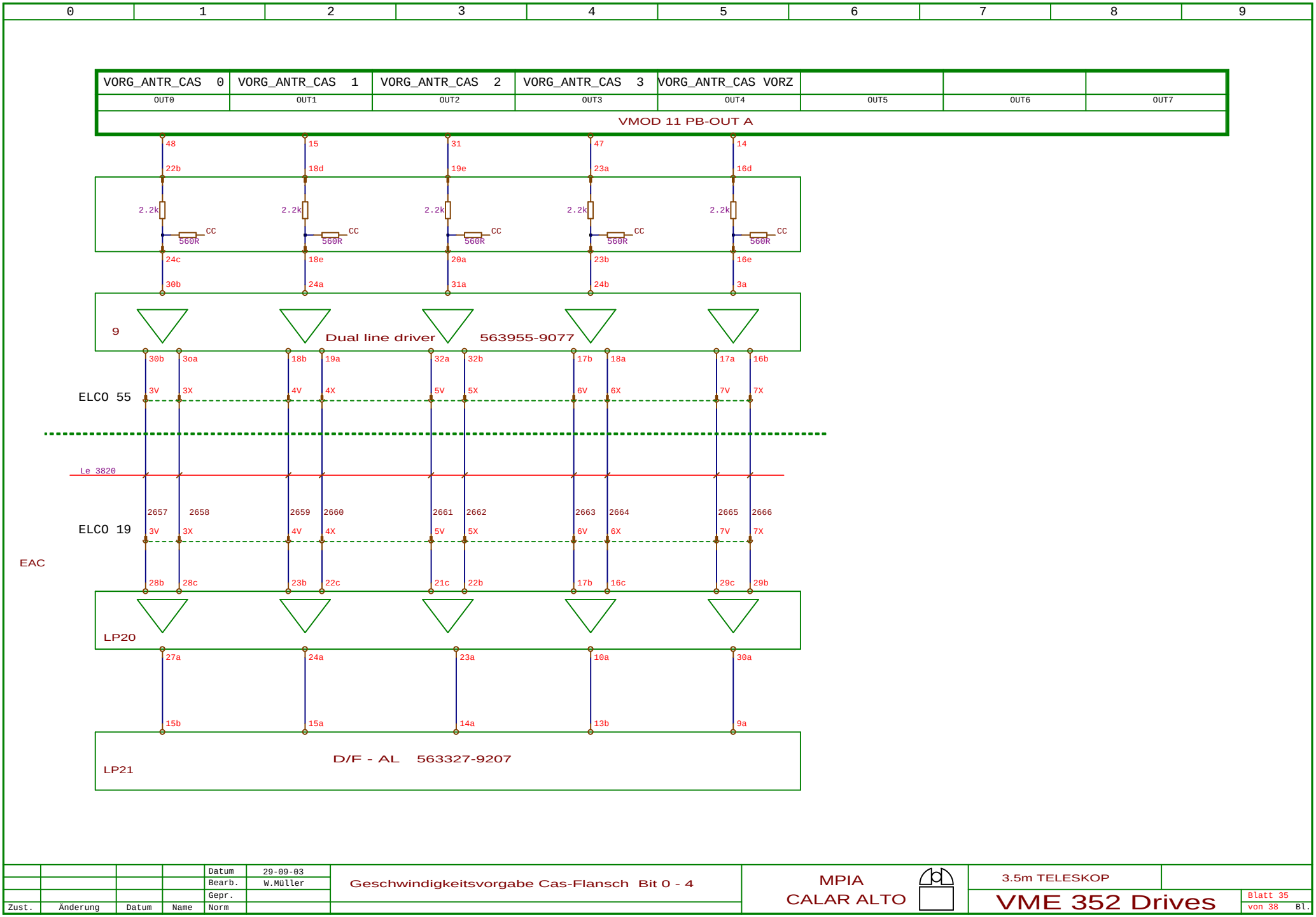
3.5m TELESKOP

VME 352 Drives

Blatt 32
von 38 Bl.


0 1 2 3 4 5 6 7 8 9
VORG_ANTR_S5_AZ 0 | VORG_ANTR_S5_AZ 1 | VORG_ANTR_S5_AZ 2 | VORG_ANTR_S5_AZ 3 | VORG_ANTR_S5_AZ 4 | VORG_ANTR_S5_AZ 5 | VORG_ANTR_S5_AZ 6 | VORG_ANTR_S5_AZ 7 | VORG_ANTR_S5_AZ VORZ
OUT0 | OUT1 | OUT2 | OUT3 | OUT4 | OUT5 | OUT6 | OUT7 | OUT8
VMOD10 PB-OUT A
48 15 31 47 14 30 46 13 29
11e 15a 8d 13a 9e 9a 13e 12d 13c
2.2k CC 560R
12a 15b 8e 13b 10a 9b 14a 12e 13d
31a 24b 3a 9b 15a 9a 11b 8b 10b
8
Dual line driver 563955-9077
32a 32b 17b 18a 17a 16b 4a 3b 15b 16a 5a 4b 14a 14b 6a 5b 13b 12b
ELCO 55
1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B 1C 1D 2C 2D
Le 3820
2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624
ELCO 19
EAC
1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B 1C 1D 2C 2D
ELCO 18
A E B F C H D J K P L R M S N T c d
ELCO 21
A E B F C H D J K P L R M 7B N T c d
28b 28c 23b 22c 21c 22b 17b 16c 15b 15c 9b 8c 7b 7c 30c 30b 29b 29c
LP23
27a 24a 23a 10a 7a 6a 12b 25c 30a
ES5
15b 15a 14a 13b 14b 13a 12b 12a 9a
LP24
D/F - AL 563327-9207
Datum 29-09-03
Bearb. W.Müller
Gepr.
Zust. Änderung Datum Name Norm
Geschwindigkeitsvorgabe S5 Azimut Bit 0 - 8
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 33
von 38 Bl.


0 1 2 3 4 5 6 7 8 9
VORG_ANTR_S5H 0
VORG_ANTR_S5H 1
VORG_ANTR_S5H 2
VORG_ANTR_S5H 3
VORG_ANTR_S5H 4
VORG_ANTR_S5H 5
VORG_ANTR_S5H 6
VORG_ANTR_S5H 7
VORG_ANTR_S5HVORZ
OUT0
OUT1
OUT2
OUT3
OUT4
OUT5
OUT6
OUT7
OUT8
VMOD10 PB-OUT B
2.2k
560R
CC
8
Dual line driver
563955-9077
9
Dual line driver
563955-9077
ELCO 55
ELCO 19
EAC
ELCO 18
ELCO 21
Le 3820
LP28
LP29
D/F - AL 563327-9207
Datum 29-09-03
Bearb. W.Müller
Gepr.
Zust. Änderung Datum Name Norm
Geschwindigkeitsvorgabe S5 Höhe Bit 0 - 8
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 34
von 38 Bl.


0
1
2
3
4
5
6
7
8
9
VORG_ANTR_CAS 0
VORG_ANTR_CAS 1
VORG_ANTR_CAS 2
VORG_ANTR_CAS 3
VORG_ANTR_CAS VORZ
OUT0
OUT1
OUT2
OUT3
OUT4
OUT5
OUT6
OUT7
VMOD 11 PB-OUT A
48
22b
15
18d
31
19e
47
23a
14
16d
2.2k
CC
560R
24c
30b
18e
24a
20a
31a
23b
24b
16e
3a
9
Dual line driver
563955-9077
ELCO 55
30b
3oa
18b
19a
32a
32b
17b
18a
17a
16b
3V
3X
4V
4X
5V
5X
6V
6X
7V
7X
Le 3820
ELCO 19
2657
2658
2659
2660
2661
2662
2663
2664
2665
2666
EAC
28b
28c
23b
22c
21c
22b
17b
16c
29c
29b
LP20
27a
24a
23a
10a
30a
15b
15a
14a
13b
9a
LP21
D/F - AL 563327-9207
Datum
29-09-03
Bearb.
W.Müller
Gepr.
Norm
Zust.
Änderung
Datum
Name
Geschwindigkeitsvorgabe Cas-Flansch Bit 0 - 4
MPIA
CALAR ALTO
3.5m TELESKOP
VME 352 Drives
Blatt 35
von 38
Bl.

Pins	A	B	C	D	E
1	7MOD-12-vebl	7-3a	7MOD-22-vema	7-10a	7MOD-44-rsbl
2	7-15a	7MOD-47-rs	7-23a	7MOD-3-mo	7-24a
3	7MOD-6-blne	7-25a	7MOD-31-gr	7-26a	7MOD-29-blma
4	7-31a	7MOD-38-maam	7-7b	7MOD-23-blaz	7-8b
5	7MOD-28-blgr	7-9b	7MOD-39-blro	7-10b	6MOD-49-ve
6	7-11b	7MOD-15-am	7-22b	7MOD-30-ro	7-23b
7	7MOD-45-blve	7-24b	7MOD-48-ve	7-25b	7MOD-14az
8	7-26b	7MOD-46-ne	7-30b	10MOD-31-gr	8-3a
9	10MOD-30-ro	8-9a	10MOD-39-blve	8-10a	10MOD-14-az
10	8-15a	7MOD-4-maro	8-23a	7MOD-19-veaz	8-24a
11	10MOD-23-blve	8-25a	7MOD-37-azma	8-26a	10MOD-48-ve
12	8-31a	10MOD-6-blgr	8-7b	10MOD-3-mo	8-8b
13	10MOD-47-rs	8-9b	10MOD-29-blma	8-10b	10MOD-46-ne
14	8-11b	7MOD-21-maro	8-22b	7MOD-36-vegr	8-23b
15	10MOD-5-am	8-24b	7MOD-5-magr	8-25b	7MOD-20-mane
16	8-26b	7MOD-3-vers	8-30b	11MOD-14-az	9-3a
17	8MOD-31-gr	9-9a	8MOD-6-mo	9-10a	8MOD-15-am
18	9-15a	10MOD-21-blne	9-23a	10MOD-8-am	9-24a
19	8MOD-39-ne	9-25a	10MOD-5-blro	9-26a	10MOD-8-gr
20	9-31a	8MOD-22-blma	9-7b	8MOD-14-az	9-8b
21	8MOD-48-ve	9-9b	8MOD-23-ro	9-10b	8MOD-47-rs
22	9-11b	10MOD-38-blaz	9-22b	10MOD-4-maam	9-23b
23	11MOD-47-rs	9-24b	10MOD-22-blrs	9-25b	10MOD-37-mave
24	9-26b	11MOD-48-ve	9-30b	9MOD-31-gr	10-23a
25	9MOD-39-ne	10-24a	9MOD-15-am	10-26a	9MOD-6-mo
26	10-31a	9MOD-48-ve	10-22b	9MOD-14-az	10-23b
27	9MOD-22-blma	10-24b	8MOD-38-blve	10-25b	9MOD-47-rs
28	10-26b	9MOD-23-ro	10-30b	9MOD-38-blve	10-3a
29					
30					
31					
32	Masa 24V				

10MOD-21-blne = De VME-Modulo 10 Salida 21 blanco / negro

9-30b = A Tacheta 9 Pin 30b

				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

Widerstands-Karte, Pinbelegung

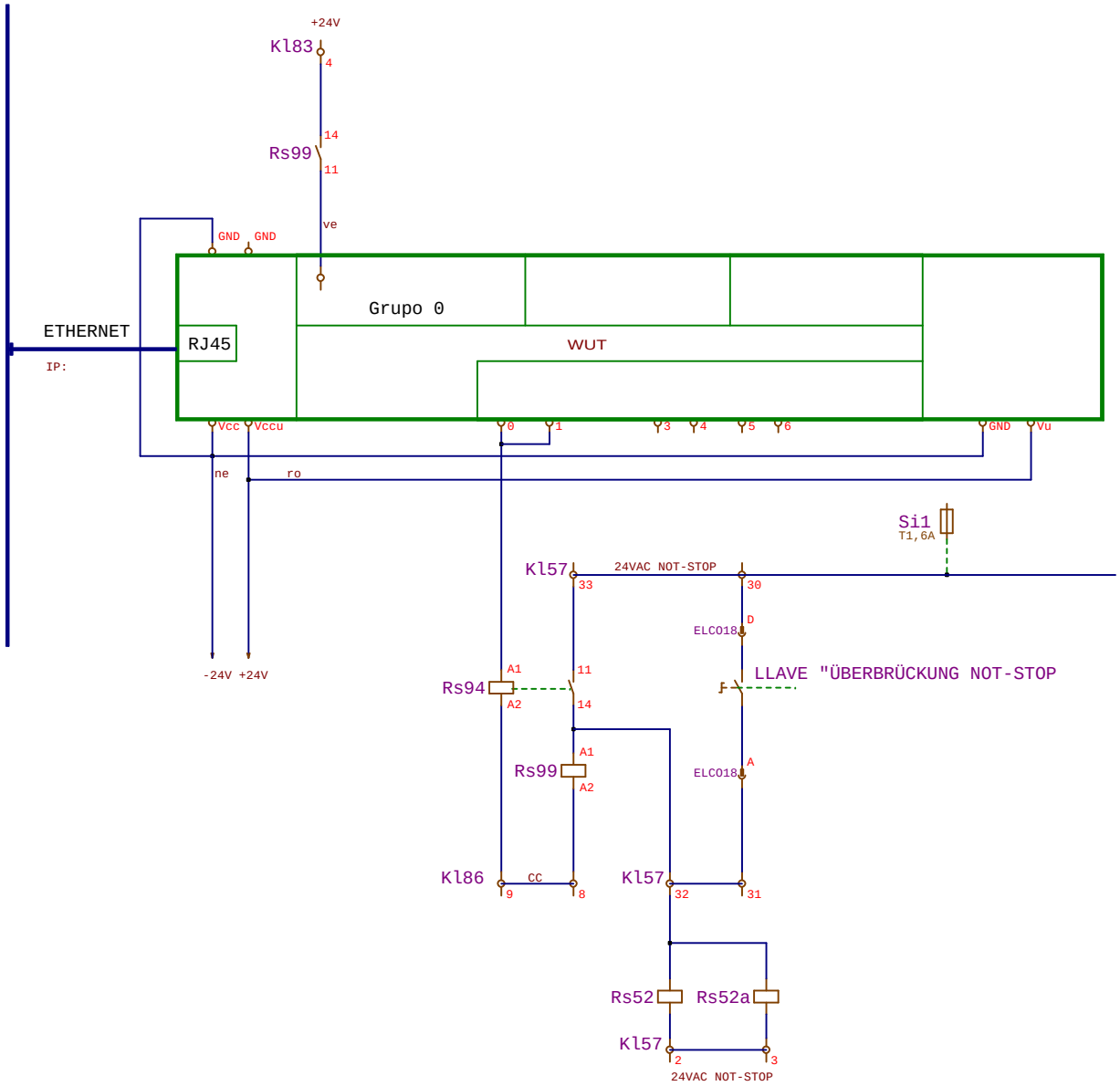
MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 36
von 38 Bl.

VER



				Datum	29-09-03
				Bearb.	W.Müller
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

NOT_STOP_"RECHNER" VER

MPIA
CALAR ALTO

3.5m TELESKOP

VME 352 Drives

Blatt 37
von 38 Bl.