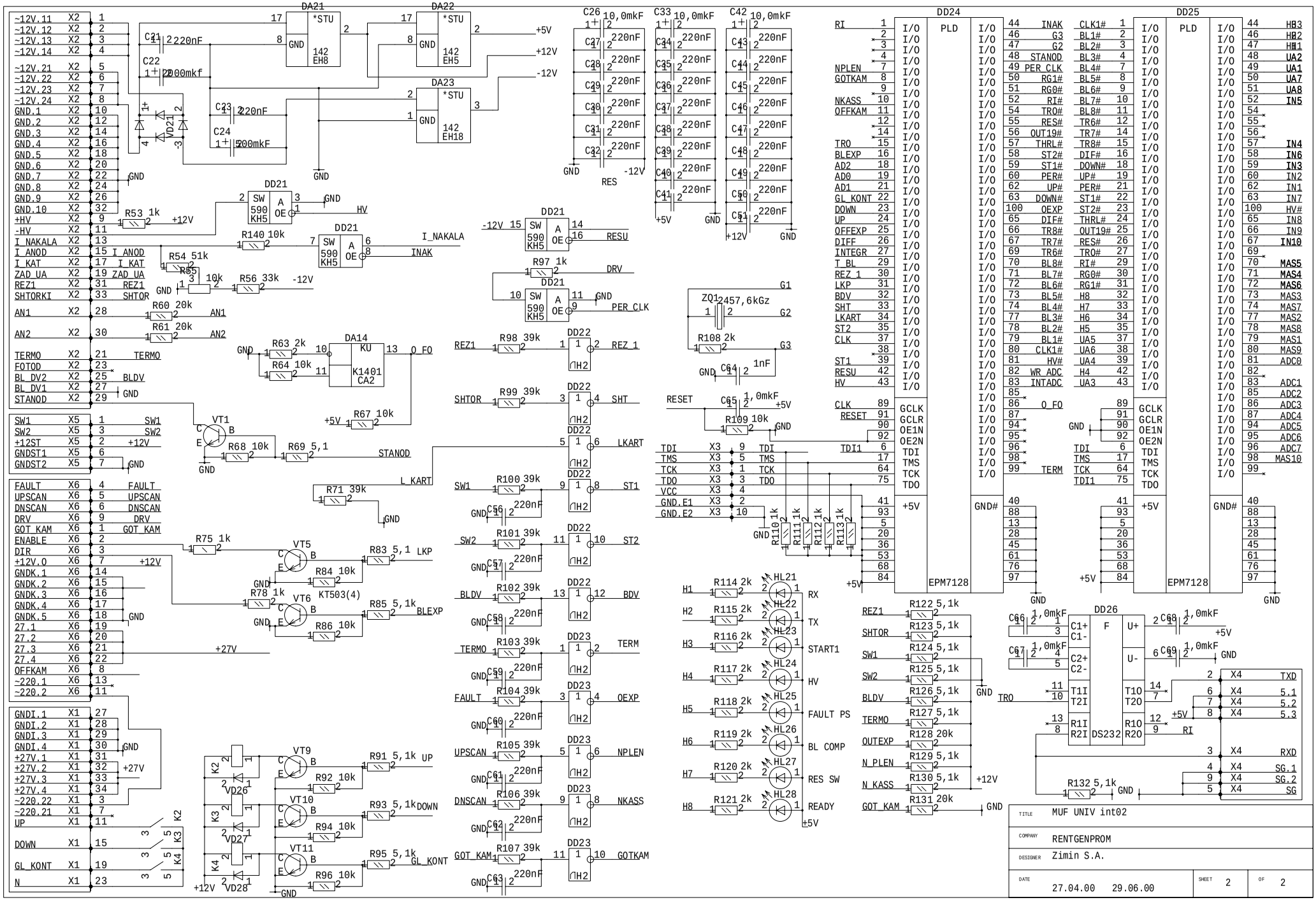
DA21
DA22
DA23
*STU
GND
142 EH8
142 EH5
142 EH18
C21 220nF
C22 2000mkF
C23 220nF
C24 500mkF
VD21
+5V
+12V
-12V
C26 10,0mkF
C33 10,0mkF
C42 10,0mkF
RES
DD21
SW 590 KH5
A OE
HV
I_NAKALA
INAK
RESU
DRV
PER_CLK
R53 1k
R54 51k
R55 10k
R56 33k
R140 10k
R97 1k
DD24
DD25
PLD
EPM7128
GCLK
GCLR
OE1N
OE2N
TDI
TMS
TCK
TDO
+5V
GND#
DA14
KU
K1401 CA2
O_FQ
R63 2k
R64 10k
R67 10k
R98 39k
R99 39k
R100 39k
R101 39k
R102 39k
R103 39k
R104 39k
R105 39k
R106 39k
R107 39k
DD22
DD23
REZ1
SHTOR
SHT
LKART
ST1
ST2
BDV
TERM
OEXP
NPLEN
NKASS
GOTKAM
ZQ1 2457,6kGz
R108 2k
C64 1nF
C65 1,0mkF
R109 10k
R110 1k
R111 1k
R112 1k
R113 1k
VT1
VT5
VT6
VT9
VT10
VT11
KT503(4)
R68 10k
R69 5,1
R71 39k
R75 1k
R78 1k
R83 5,1
R84 10k
R85 5,1k
R86 10k
R91 5,1k
R92 10k
R93 5,1k
R94 10k
R95 5,1k
R96 10k
VD26
VD27
VD28
K2
K3
K4
R114 2k
R115 2k
R116 2k
R117 2k
R118 2k
R119 2k
R120 2k
R121 2k
HL21
HL22
HL23
HL24
HL25
HL26
HL27
HL28
RX
TX
START1
HV
FAULT PS
BL COMP
RES SW
READY
R122 5,1k
R123 5,1k
R124 5,1k
R125 5,1k
R126 5,1k
R127 5,1k
R128 20k
R129 5,1k
R130 5,1k
R131 20k
R132 5,1k
DD26
C1+
C1-
C2+
C2-
T1I
T2I
R1I
R2I
F
U+
U-
T1O
T2O
R1O
R2O
DS232
TXD
RXD
SG
SG.1
SG.2
~12V.11 X2 1
~12V.12 X2 2
~12V.13 X2 3
~12V.14 X2 4
~12V.21 X2 5
~12V.22 X2 6
~12V.23 X2 7
~12V.24 X2 8
GND.1 X2 10
GND.2 X2 12
GND.3 X2 14
GND.4 X2 16
GND.5 X2 18
GND.6 X2 20
GND.7 X2 22
GND.8 X2 24
GND.9 X2 26
GND.10 X2 32
+HV X2 9
-HV X2 11
I_NAKALA X2 13
I_ANOD X2 15
I_KAT X2 17
ZAD_UA X2 19
REZ1 X2 31
SHTORKI X2 33
AN1 X2 28
AN2 X2 30
TERMO X2 21
FOTOD X2 23
BL_DV2 X2 25
BL_DV1 X2 27
STANOD X2 29
SW1 X5 1
SW2 X5 3
+12ST X5 2
GNDST1 X5 6
GNDST2 X5 7
FAULT X6 4
UPSCAN X6 5
DNSCAN X6 6
DRV X6 9
GOT_KAM X6 1
ENABLE X6 2
DIR X6 3
+12V.O X6 7
GNDK.1 X6 14
GNDK.2 X6 15
GNDK.3 X6 16
GNDK.4 X6 17
GNDK.5 X6 18
27.1 X6 19
27.2 X6 20
27.3 X6 21
27.4 X6 22
OFFKAM X6 8
~220.1 X6 13
~220.2 X6 11
GNDI.1 X1 27
GNDI.2 X1 28
GNDI.3 X1 29
GNDI.4 X1 30
+27V.1 X1 31
+27V.2 X1 32
+27V.3 X1 33
+27V.4 X1 34
~220.22 X1 3
~220.21 X1 7
UP X1 11
DOWN X1 15
GL_KONT X1 19
N X1 23
RI 1
NPLEN 8
GOTKAM 8
NKASS 9
OFFKAM 11
TRO 15
BLEXP 16
AD2 18
AD0 19
AD1 21
GL_KONT 22
DOWN 23
UP 24
OFFEXP 25
DIFF 26
INTEGR 27
T_BL 29
REZ_1 30
LKP 31
BDV 32
SHT 33
LKART 34
ST2 35
CLK 37
ST1 39
RESU 42
HV 43
CLK 89
RESET 91
TDI1 6
INAK 44
G3 46
G2 47
STANOD 48
PER_CLK 49
RG1# 50
RG0# 51
RI# 52
TRO# 54
RES# 55
OUT19# 56
THRL# 57
ST2# 58
ST1# 59
PER# 60
UP# 62
DOWN# 63
OEXP 100
DIF# 65
TR8# 66
TR7# 67
TR6# 70
BL8# 70
BL7# 71
BL6# 72
BL5# 73
BL4# 74
BL3# 77
BL2# 78
BL1# 79
CLK1# 80
HV# 81
WR_ADC 82
INTADC 83
O_FQ 86
TERM 99
CLK1# 1
BL1# 2
BL2# 3
BL3# 4
BL4# 7
BL5# 8
BL6# 9
BL7# 10
BL8# 11
TR6# 12
TR7# 14
TR8# 15
DIF# 16
DOWN# 18
UP# 19
PER# 21
ST1# 22
ST2# 23
THRL# 24
OUT19# 25
RES# 26
TRO# 27
RI# 29
RG0# 30
RG1# 31
H8 32
H7 33
H6 34
H5 35
UA5 37
UA6 38
UA4 39
H4 42
UA3 43
HB3 44
HB2 46
HB1 47
UA2 48
UA1 49
UA7 50
UA8 51
IN5 52
IN4 57
IN6 58
IN3 59
IN2 60
IN1 62
IN7 63
HV# 100
IN8 65
IN9 66
IN10 67
MAS5 70
MAS4 71
MAS6 72
MAS3 73
MAS7 74
MAS2 77
MAS8 78
MAS1 79
MAS9 80
ADC0 81
ADC1 83
ADC2 85
ADC3 86
ADC4 87
ADC5 94
ADC6 95
ADC7 96
MAS10 98
TITLE MUF UNIV int02
COMPANY RENTGENPROM
DESIGNER Zimin S.A.
DATE 27.04.00 29.06.00
SHEET 2 OF 2