

eDIPTFT43-A "Uwes Modellbahnpult 52x60cm" ; Projectname" max. 32 character

;COM1: 15200; program eDIP on COM1 with 15200Baud

USB: "eDIP Programmer"; EASTAR eDIPTFT4 / EA9777-1USB is connected to the USB (only Windows 2000/XP/VISTA/7)

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; load defaults

include <default\_constant.kmi>;double click to open

include <default\_font.kmi>

include <default\_pattern.kmi>

include <default\_borderkmi>;important for this demo (border-definitions)

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MnAutoStart = 0

PowerOnMacro;;runs after power-on

#MN MnAutoStart

ResetMacro;;runs after external reset

#MN MnAutoStart

WatchdogMacro;;runs after a crash (>500ms)

#MN MnAutoStart

BrownOutMacro;;runs when supply voltage drops <3V

#MN MnAutoStart

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Path <C:\ELECTRONIC ASSEMBLY LCD-Tools Portable\Data\eDIP - intelligent graphic displays\BITMAPS\color>

;Picture 1 <Zist1Logo.jpg>; double click to open

;Picture 2 <ZFI Logo.jpg>; double click to open

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Makro: MnAutoStart

#YE 0,15,0;Ports 1-16 ausschalten

#TC 0;Cursor ausschalten

#AS 0;Summer aussschalten

;~~#A1~~;Scan der Ports 1-8 aktiviert

;--- Platzieren Grafik Zist1 ---

;~~#UI 1,1,1~~;place Picture no. 1 (process no. 1)

;--- Platzieren Grafik ZFI ---

;~~#UI 1,120,2~~;place Picture no. 2 (process no. 1)

#YH 40;Helligkeit Hintergrund in %

#FE 10,10,6,10,10,7

#FA1,1

#AW 1

#A 1,151,25,270,10,0,"CBacklight 100%"

#A 1,1,25,50,101,0,"C10%"

#A 1,51,25,100,104,0,"C40%"

#A 1,101,25,150,107,0,"C70%"

#FA8,1

;Linien zeichnen

;Nebenbahn

#GZ 2,2

#FG 12,12

#GD 301,58,320,58;Abstellgleis N.Bhf oben

#GD 321,50,321,66;Abstellgleis N.Bhf oben

#GD 160,58,199,58

#GD 159,58,149,68

#GD 148,69,148,196

#GD 159,207,149,197

#GD 160,207,199,207

#GD 189,183,172,207

#GD 189,183,199,183  
#GD 301,183,320,183;Abstellgleis Bhf. G14  
#GD 321,175,321,190;Abstellgleis Bhf. G14  
;kurzer Kreis - S.-Bhf Einfahrt  
#FG 2,2  
#GD 93,135,93,22  
#GD 94,21,104,1  
#GD 105,10,199,10  
;kurzer Kreis - Bhf. Berg auf  
#FG 14,14  
#GD 129,26,19,36  
#GD 18,37,18,88  
#GD 130,99,143,99  
#GD 153,99,199,99  
#GD 129,98,19,89  
#GD 130,25,199,25  
;Einfahrt S.-Bhf - S.-Bhf  
#FG 2,2  
#GD 199,153,153,153  
#GD 143,153,105,153  
#GD 104,153,94,143  
#GD 93,142,93,136  
#GD 189,129,172,152  
#GD 189,128,199,128  
;Bhf. Einfahrt - Berg auf  
#FG 14,14  
#GD 75,1,360,1  
#GD 74,2,64,13  
#GD 63,14,63,54  
#GD 361,1,372,1  
#GD 372,12,372,87  
#GD 372,88,362,98  
#GD 361,99,301,99  
;Bhf. Einfahrt - Bhf  
#FG 14,14  
#GD 63,156,63,248  
#GD 63,249,73,258  
#GD 74,259,199,259  
#GD 189,233,199,233  
#GD 189,234,172,258  
;S.-Bhf - kurzer Kreis  
#FG 2,2  
#GD 301,153,340,153  
#GD 341,153,351,143  
#GD 352,142,352,105  
#GD 352,94,352,36  
#GD 351,35,341,26  
#GD 340,26,301,26  
#GD 312,129,325,152  
#GD 301,128,31,128  
;Bhf - kurzer Kreis  
#FG 14,14  
#GD 301,10,365,10  
#GD 378,10,385,10  
#GD 386,10,395,20  
#GD 396,20,396,173  
#GD 301,259,31,259  
#GD 31,259,395,174  
#GD 301,234,335,234  
#GD 301,209,360,209

;#AW 1

;#FE 3,3,2,3,3,7  
;#A 81,35,105,135,126,127,"CS.-Bhf. Einf."  
#AW 0  
#FE 4,4,12,4,4,7;Farben fürϫuchrahmen einstellen Rahmen aussen, Rahmen innen, Füllung  
#A 200,46,251,70,16,17,"CWK ein"  
#A 250,46,300,70,128,129,"CWK aus"  
#FE 2,2,3,2,2,7;Farben fürϫuchrahmen einstellen Rahmen aussen, Rahmen innen, Füllung  
#A 200,86,300,10,14,15,"CBhf Berg auf"  
#AW 1  
#FE 2,2,3,2,2,7  
#A 51,55,75,155,18,19,"CBhf. Einf."  
#AW 0  
#FE 4,4,12,4,4,7  
#A 200,171,300,195,4,34,"CN.Bhf. Gleis 4"  
  
;#AR1  
#AW 0  
#FE 3,3,2,3,3,7;Farben fürϫuchrahmen einstellen Rahmen aussen, Rahmen innen, Füllung  
#A 200,16,300,140,6,36,"CS-Bhf. Gl.2"  
#A 200,141,300,165,5,35,"CS-Bhf. Gl.1"  
#FE 2,2,4,2,2,7  
#A 200,6,300,30,9,39,"Ckurzer Kreis"  
  
;#AR3  
#FE 2,2,3,2,2,7  
#A 200,221,300,245,2,32,"CBhf. Gl.2"  
#A 200,246,300,270,1,31,"CBhf. Gl.1"  
#FE 4,4,3,4,4,7  
#A 200,196,300,220,3,33,"CNB + Bhf.Gl.3"  
#A1,1  
#FE 12,12,6,3,3,12;Farben fürϫuchrahmen einstellen Rahmen aussen, Rahmen innen, Füllung  
#A 400,156,480,195,126,127,"CLichtAus"  
#A 380,196,480,220,120,121,"CLicht Straße"  
#A 380,221,480,245,122,123,"CLicht Haus"  
#A 380,246,480,270,124,125,"CLicht Bhf."  
#FE 3,3,1,7,7,3;Farben fürϫuchrahmen einstellen Rahmen aussen, Rahmen innen, Füllung  
#A3,1  
#A 70,221,170,245,100,1,"CFS-Reset"  
  
ϫuchMacro 1;Bhf Gleis 1 Fahrstraßenausleuchtung  
#FG 7,7  
#GD 301,10,365,10  
#GD 378,10,385,10  
#GD 386,10,395,20  
#GD 396,20,396,173  
#GD 301,259,31,259  
#GD 31,259,395,174  
#GD 63,156,63,248  
#GD 63,249,73,258  
#GD 74,259,199,259  
#GD 189,233,199,233  
#GD 189,234,172,258  
#GD 75,1,360,1  
#GD 74,2,64,13  
#GD 63,14,63,54  
#GD 361,1,372,1  
#GD 372,12,372,87  
#GD 372,88,362,98  
#GD 361,99,301,99  
#FG 14,14  
#GD 301,234,335,234  
#GD 301,209,360,209

;Bhf. Einfahrt - Bhf  
#FG 7,7  
#GD 63,156,63,248  
#GD 63,249,73,258  
#GD 74,259,199,259  
#FG 14,14  
#GD 189,233,199,233  
#GD 189,234,172,258  
#YE 0,0,1;Port 1 einschalten  
ϕuchMacro 31;Bhf Gleis 1  
#YE 0,0,0;Port 1 ausschalten

ϕuchMacro 2;Bhf Gleis 2 Fahrstraßenausleuchtung

#FG 7,7  
#GD 301,10,365,10  
#GD 378,10,385,10  
#GD 386,10,395,20  
#GD 396,20,396,173  
#GD 31,259,395,174  
#GD 301,234,335,234  
#GD 63,156,63,248  
#GD 63,249,73,258  
#GD 74,259,199,259  
#GD 189,233,199,233  
#GD 189,234,172,258  
#GD 75,1,360,1  
#GD 74,2,64,13  
#GD 63,14,63,54  
#GD 361,1,372,1  
#GD 372,12,372,87  
#GD 372,88,362,98  
#GD 361,99,301,99  
#FG 14,14  
#GD 301,259,31,259  
#GD 310,258,334,235  
#GD 301,209,360,209

;Bhf. Einfahrt - Bhf  
#FG 7,7  
#GD 63,156,63,248  
#GD 63,249,73,258  
#GD 189,233,199,233  
#GD 189,234,172,258  
#GD 74,259,172,259  
#FG 14,14  
#GD 172,259,199,259  
#YE 1,1,1;Port 2 einschalten  
ϕuchMacro 32  
#YE 1,1,0;Port 2 ausschalten

ϕuchMacro 3;Bhf Gleis 3 Fahrstraßenausleuchtung

#FG 7,7  
#GD 301,10,365,10  
#GD 378,10,385,10  
#GD 386,10,395,20  
#GD 396,20,396,173  
#GD 301,209,360,209  
#GD 301,259,31,259  
#GD 31,259,395,174  
#GD 301,58,320,58;Abstellgleis N.Bhf oben  
#GD 321,50,321,66;Abstellgleis N.Bhf oben  
#GD 160,58,199,58  
#GD 159,58,149,68

#GD 148,69,148,196  
#GD 159,207,149,197  
#GD 160,207,199,207  
;#GD 189,183,172,207  
;#GD 189,183,199,183  
;#GD 63,156,63,248  
;#GD 63,249,73,258  
;#GD 74,259,199,259  
;#GD 189,233,199,233  
;#GD 189,234,172,258  
;#GD 75,1,360,1  
;#GD 74,2,64,13  
;#GD 63,14,63,54  
;#GD 361,1,372,1  
;#GD 372,12,372,87  
;#GD 372,88,362,98  
;#GD 361,99,301,99  
#FG 14,14  
#GD 301,259,31,259  
#GD 301,234,335,234  
#GD 309,259,359,210  
#FG 12,12  
#GD 189,183,172,207  
#GD 189,183,199,183  
#GD 301,183,320,183;Abstellgleis Bhf. Gl4  
#GD 321,175,321,190;Abstellgleis Bhf. Gl4  
#YE 2,2,1;Port 2 einschalten  
TouchMacro 33  
#YE 2,2,0;Port 3 ausschalten  
  
TouchMacro 4;Bhf Gleis 4 Fahrstraßenausleuchtung  
#GZ 2,2  
#FG 7,7  
#GD 301,58,320,58;Abstellgleis N.Bhf oben  
#GD 321,50,321,66;Abstellgleis N.Bhf oben  
#GD 160,58,199,58  
#GD 159,58,149,68  
#GD 148,69,148,196  
#GD 159,207,149,197  
#GD 160,207,171,207  
#GD 189,183,172,207  
#GD 189,183,199,183  
#GD 301,183,320,183;Abstellgleis Bhf. Gl4  
#GD 321,175,321,190;Abstellgleis Bhf. Gl4  
#FG 12,12  
#GD 173,207,199,207  
#YE 3,3,1;Port 4 einschalten  
TouchMacro 34  
#YE 3,3,0;Port 4 ausschalten  
TouchMacro 5  
;S.-Bhf - kurzer Kreis;S-Bhf Gl2 Fahrstraßenausleuchtung  
#FG 7,7  
#GD 301,153,340,153  
#GD 341,153,351,143  
#GD 352,142,352,105  
#GD 352,94,352,36  
#GD 351,35,341,26  
#GD 340,26,301,26  
#GD 199,153,153,153  
#GD 143,153,105,153  
#GD 104,153,94,143  
#GD 93,142,93,136

#GD 93,135,93,22  
#GD 94,21,104,1  
#GD 105,10,199,10  
#GD 129,26,19,36  
#GD 18,37,18,88  
#GD 130,99,143,99  
#GD 153,99,199,99  
#GD 129,98,19,89  
#GD 130,25,199,25  
#FG 2,2  
#GD 312,129,325,152  
#GD 301,128,31,128  
#GD 189,129,172,152  
#GD 189,128,199,128  
#YE 4,4,1  
ūchMacro 35  
#YE 4,4,0;Port 4 ausschalten

ūchMacro 6;S-Bhf Gl2 Fahrstraßenausleuchtung

;S.-Bhf - kurzer Kreis  
#FG 7,7

#GD 341,153,351,143  
#GD 352,142,352,105  
#GD 352,94,352,36  
#GD 351,35,341,26  
#GD 340,26,301,26  
#GD 312,129,325,152  
#GD 301,128,31,128  
#GD 143,153,105,153  
#GD 104,153,94,143  
#GD 93,142,93,136  
#GD 189,129,172,152  
#GD 189,128,199,128  
#GD 199,153,173,153  
#GD 301,153,340,153  
#GD 153,153,172,153  
#GD 93,135,93,22  
#GD 94,21,104,1  
#GD 105,10,199,10  
#GD 129,26,19,36  
#GD 18,37,18,88  
#GD 130,99,143,99  
#GD 153,99,199,99  
#GD 129,98,19,89  
#GD 130,25,199,25  
#FG 2,2  
#GD 199,153,172,153  
#GD 301,153,325,153  
#YE 5,5,1

ūchMacro 36

#YE 5,5,0;Port 6 ausschalten

ūchMacro 9;kurzer Kreis Fahrstraßenausleuchtung

#FG 7,7

;Einfahrt S.-Bhf - S.-Bhf

#FG 2,2

#GD 199,153,153,153  
#GD 143,153,105,153  
#GD 104,153,94,143  
#GD 93,142,93,136  
#GD 189,129,172,152  
#GD 189,128,199,128

;kurzer Kreis - S.-Bhf Einfahrt  
#GD 93,135,93,22  
#GD 94,21,104,1  
#GD 105,10,199,10  
;S.-Bhf - kurzer Kreis  
#GD 301,153,340,153  
#GD 341,153,351,143  
#GD 352,142,352,105  
#GD 352,94,352,36  
#GD 351,35,341,26  
#GD 340,26,301,26  
#GD 312,129,325,152  
#GD 301,128,31,128  
#FG 7,7  
#GD 129,26,19,36  
#GD 18,37,18,88  
#GD 130,99,143,99  
#GD 153,99,199,99  
#GD 129,98,19,89  
#GD 130,25,199,25  
#GD 301,10,365,10  
#GD 378,10,385,10  
#GD 386,10,395,20  
#GD 396,20,396,173  
#YE 8,8,1;Port 9 einschalten

ūuchMacro 39  
#YE 8,8,0;Port 9 ausschalten

ūuchMacro 100;Reset Fahrstraßenausleuchtung alle GRÜN neu zeichnen  
;Linien zeichnen  
;Nebenbahn  
#GZ 2,2  
#FG 12,12  
#GD 301,58,320,58;Abstellgleis N.Bhf oben  
#GD 321,50,321,66;Abstellgleis N.Bhf oben  
#GD 160,58,199,58  
#GD 159,58,149,68  
#GD 148,69,148,196  
#GD 159,207,149,197  
#GD 160,207,199,207  
#GD 189,183,172,207  
#GD 189,183,199,183  
#GD 301,183,320,183;Abstellgleis Bhf. G14  
#GD 321,175,321,190;Abstellgleis N.Bhf oben  
;kurzer Kreis - S.-Bhf Einfahrt  
#FG 2,2  
#GD 93,135,93,22  
#GD 94,21,104,1  
#GD 105,10,199,10  
;kurzer Kreis - Bhf. Berg auf  
#FG 14,14  
#GD 129,26,19,36  
#GD 18,37,18,88  
#GD 130,99,143,99  
#GD 153,99,199,99  
#GD 129,98,19,89  
#GD 130,25,199,25  
;Einfahrt S.-Bhf - S.-Bhf  
#FG 2,2

#GD 199,153,153,153  
#GD 143,153,105,153  
#GD 104,153,94,143  
#GD 93,142,93,136  
#GD 189,129,172,152  
#GD 189,128,199,128  
;Bhf. Einfahrt - Berg auf  
#FG 14,14  
#GD 75,1,360,1  
#GD 74,2,64,13  
#GD 63,14,63,54  
#GD 361,1,372,1  
#GD 372,12,372,87  
#GD 372,88,362,98  
#GD 361,99,301,99  
;Bhf. Einfahrt - Bhf  
#FG 14,14  
#GD 63,156,63,248  
#GD 63,249,73,258  
#GD 74,259,199,259  
#GD 189,233,199,233  
#GD 189,234,172,258  
;S.-Bhf - kurzer Kreis  
#FG 2,2  
#GD 301,153,340,153  
#GD 341,153,351,143  
#GD 352,142,352,105  
#GD 352,94,352,36  
#GD 351,35,341,26  
#GD 340,26,301,26  
#GD 312,129,325,152  
#GD 301,128,31,128  
;Bhf - kurzer Kreis  
#FG 14,14  
#GD 301,10,365,10  
#GD 378,10,385,10  
#GD 386,10,395,20  
#GD 396,20,396,173  
#GD 301,259,31,259  
#GD 31,259,395,174  
#GD 301,234,335,234  
#GD 301,209,360,209  
#YE 15,15,1;Port 16 einschalten

␣uchMacro 1

#YE 0,15,0;Port 1-16 ausschalten

␣uchMacro 101;Hintergrundbeleuchtung 10%

#YH10

␣uchMacro 104;Hintergrundbeleuchtung 100%

#YH40

␣uchMacro 107;Hintergrundbeleuchtung 70%

#YH70

␣uchMacro 10;Hintergrundbeleuchtung 100%

#YH100

␣uchMacro 14

#YE 6,6,1

␣uchMacro 15

#YE 6,6,0

␣uchMacro 16

#YE 7,7,1

␣uchMacro 17



#YE 7,7,0  
ũuchMacro 18  
#YE 9,9,1  
ũuchMacro 19  
#YE 9,9,0  
ũuchMacro 120  
#YE 10,10,1  
ũuchMacro 121  
#YE 10,10,0  
ũuchMacro 122  
#YE 1,1,1  
ũuchMacro 123  
#YE 1,1,0  
ũuchMacro 124  
#YE 12,12,1  
ũuchMacro 125  
#YE 12,12,0  
ũuchMacro 126  
#YE 13,13,1  
ũuchMacro 127  
#YE 13,13,0  
ũuchMacro 128  
#YE 14,14,1  
ũuchMacro 129  
#YE 14,14,0