



Graphics for Embedded Systems

PEG family Feature Comparison

GUI Feature	PEG Pro	PEG+	C/PEG
<i>Color Depth</i>			
2 Colors (Monochrome)	No	Yes	Yes
4 Grayscale Colors	No	Yes	Yes
16 Grayscale Colors	No	Yes	Yes
16 Colors (VGA)	No	Yes	Yes
256 Colors Packed Pixel	No	Yes	Yes
256 Colors Indexed	No	Yes	Yes
65K Colors 5:5:5 Format	Yes	Full	Basic
65K Colors 5:6:5 Format	Yes	Full	Basic
65K Colors + Alpha	Yes	No	No
65K Colors 4:4:4:4 Format	Yes	Yes	No
24 bit RGB Color Packed Format	Yes	Yes	No
24 bit RGB Color + Alpha	Yes	No	No
24 bit BGR Color Format	Yes	Yes	No
24 bit Unpacked Format	Yes	Yes	No
Multiple Graphic Layers	Yes	No	No
<i>Charting Classes</i>			
Continuous Update Strip Chart	Yes	Yes	No
Multi-Line X/Y Charts	Yes	Yes	No
<i>Unix File Dialogs</i>			
Directory Browser	Yes	Yes	No
File Browser	Yes	Yes	No
<i>Run-Time Image Conversion</i>			
Convert Images (jpg, png, bmp, gif) to PegBitmap at run-time	Yes	Yes	No
<i>Output to Printer</i>			
Print to HP-PCL Enabled Printers	Yes	Yes	No
<i>Basic Controls</i>			
Complete set of basic controls provided like: text and icon buttons, text display, check box	Yes	Yes	Yes
<i>Basic Features</i>			
Skinning or Themes- at Run Time	Yes	No	No
Skinning or Themes- at Compile Time	Yes	Yes	No
Resource Manager	Yes	Yes	No
<i>Advanced Controls</i>			
Animation	Yes	Yes	Yes

Automatic Non-Client Scrollbars	Yes	Yes	No
ComboBox	Yes	Yes	Yes
Decorated Window	Yes	Yes	No
Dialog Box	Yes	Yes	Yes
Horizontal List	Yes	Yes	Yes
Message Dialog	Yes	Yes	No
Multi-Line Edit Box	Yes	Yes	No
Multi-Line Message Dialog	Yes	Yes	Yes
Multi-Line Text Display	Yes	Yes	Yes
Notebook	Yes	Yes	No
Progress Dialog	Yes	Yes	No
Scrolling Prompt	Yes	Yes	No
Spread Sheet	Yes	Yes	No
Status Bar	Yes	Yes	No
Table	Yes	Yes	No
Toolbar	Yes	Yes	No
Tree View	Yes	Yes	No
Vertical List	Yes	Yes	Yes
Virtual Vertical List	Yes	No	No
<i>Drawing Primitives</i>			
True Anti-Aliased Line	Yes	No	No
Simple Anti-Aliased Line- fixed background color	Yes	Yes	No
Arc	Yes	Yes	Yes
Chord	Yes	Yes	No
Circle	Yes	Yes	Yes
Ellipse	Yes	Yes	Yes
Gradient	Yes	No	No
Line	Yes	Yes	Yes
Point	Yes	Yes	Yes
Polygon	Yes	Yes	Yes
Polyline	Yes	Yes	Yes
Rectangle	Yes	Yes	Yes
<i>Font Support</i>			
True Anti-Aliased	Yes	No	No
Simple Anti-Aliased Line- fixed background color	Yes	Yes	No
Outline	Yes	Yes	Yes
Basic	Yes	Yes	Yes
Vector	Yes	Yes	Yes
<i>Language Support</i>			
Unicode (16 bit characters)	Yes	Yes	Yes
UTF8	Yes	Yes	No
String Tables for Multiple Languages	Yes	Yes	Yes
Run-Time Language Selection	Yes	Yes	Yes
Run-Time Language and Font Loading (Resource Packs)	Yes	Yes	No
<i>Window Management</i>			
Allows Overlapped Windows Simultaneous Drawing	Yes	Yes	No
Alpha Blended Windows	Yes	No	No

<i>Remote Screen Server</i>			
Peg Remote Screen Server (PRESS) Support	Yes	Yes	No
<i>Utilities</i>			
FontCapture	Yes	Yes	Yes
ImageConvert	Yes	Yes	Yes
WindowBuilder	Yes	Yes	Yes
Custom Objects in WindowBuilder	Yes	Yes	No