

Logic
iMX31 SOM-LV Windows CE 6.0 BSP
Current Release: 1.0.0
Date: 6/5/2009

Status	Description of Status
Green	Feature in Current Release
Yellow	Feature being integrated and not in current release
Red	Feature being planned and not in current release
Purple	Feature available for purchase from Logic
Cyan	Feature not planned
Black	Feature not included in Windows CE systems



Feature	Status	Date Released	Date Planned	Release #	Notes
Documentation					
Readme (release notes)	Green	Shipping Now		1.0.0	
Release Notes	Green	Shipping Now		1.0.0	
Feature Matrix Spreadsheet	Green	Shipping Now		1.0.0	This document in pdf format
User Guide	Yellow		July 2009	1.1.0	
Reference Manual	Green		July 2009	1.1.0	
Windows CE 6.0 Developer Labs	Green	Shipping Now		1.0.0	5 Labs, similar to Microsoft Windows CE Labs
Platform / System Features					
Logic i.MX31 SOM-LV LiteKit Support	Green	Shipping Now		1.0.0	
ARM VFPv2 - Floating Point Support	Green	Shipping Now		1.0.0	
OAL Layer - Features					
Serial Debug (OAL)	Green	Shipping Now		1.0.0	Boot parameter enable
Debug Ethernet / KITL (OAL)	Green	Shipping Now		1.0.0	Boot parameter enable
LogicLoader Boot Parameters (OAL)	Green	Shipping Now		1.0.0	
OEMIdle timer (OAL)	Green	Shipping Now		1.0.0	
RTC - PMIC	Green	Shipping Now		1.0.0	Boot parameter enable
Performance Counter	Green	Shipping Now		1.0.0	
Installable ISR / Interrupt support	Green	Shipping Now		1.0.0	
Soft Reset (IOCTL HAL_REBOOT)	Green	Shipping Now		1.0.0	
Watch Dog	Cyan		TBD		
Low power suspend	Green	Shipping Now		1.0.0	
Activity LED	Green	Shipping Now		1.0.0	
L2 Cache Support	Green	Shipping Now		1.0.0	
Peripherals					
Audio Stereo Output	Green	Shipping Now		1.0.0	
Audio Recording	Green	Shipping Now		1.0.0	
PMIC (Power Management IC)	Green	Shipping Now		1.0.0	
Backlight	Green	Shipping Now		1.0.0	
CF Card (PCMCIA)	Green	Shipping Now		1.0.0	
IPU Display Driver	Green	Shipping Now		1.0.0	
Wired Ethernet - NDIS, SMSC LAN92xx	Green	Shipping Now		1.0.0	
I2C	Green	Shipping Now		1.0.0	
SDIO (SD1, SD2)	Green	Shipping Now		1.0.0	
SPI	Yellow		July 2009	1.1.0	
Touch	Green	Shipping Now		1.0.0	
UART1, UART2, UART3	Green	Shipping Now		1.0.0	UART2, UART3 not fully verified
USB Host2	Green	Shipping Now		1.0.0	
USB OTG	Green	Shipping Now		1.0.0	Will be deprecated after 1.0.1
YAFFS for NAND Flash	Green	Shipping Now		1.0.0	
YAFFS for NOR Flash	Cyan				
Power Button Driver	Green	Shipping Now		1.0.0	
LED Switch Example Driver	Yellow		July 2009	1.1.0	
GPIO	Green	Shipping Now		1.0.0	Part of CSPDDK
DMA	Green	Shipping Now		1.0.0	Part of CSPDDK
Battery	Green	Shipping Now		1.0.0	
ADC	Red				Code is provided, not tested, not in catalog, part of PMIC code
DVFC	Red				
Camera	Cyan				
Tri-Color LED	Cyan				
Keyboard	Cyan				
Additional Support Features					
OSDesign - lpd_imx31_dev	Green	Shipping Now	-	1.0.0	
OSDesign - lpd_imx31_quickboot	Green	Shipping Now	-	1.0.0	
OSDesign - lpd_imx31_show	Green	Shipping Now	-	1.0.0	
OSDesign - lpd_imx31_smallfootprint	Green	Shipping Now	-	1.0.0	
SDK	Green	Shipping Now	-	1.0.0	
Binary Sample Image - Show	Green	Shipping Now	-	1.0.0	
Binary Sample Image - Development	Green	Shipping Now	-	1.0.0	
Binary Sample Image - Quickboot	Green	Shipping Now		1.0.0	Small image with custom shell and GPIO access example