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Details

Product Status	Active
Core Processor	ARM® Cortex®-M0+
Core Size	32-Bit Single-Core
Speed	25MHz
Connectivity	I ² C, IrDA, SmartCard, SPI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Number of I/O	35
Program Memory Size	64KB (64K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	8K x 8
Voltage - Supply (Vcc/Vdd)	1.98V ~ 3.8V
Data Converters	A/D 4x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	48-TQFP
Supplier Device Package	48-TQFP (7x7)
Purchase URL	https://www.e-xfl.com/product-detail/silicon-labs/efm32hg350f64g-b-qfp48r

2.1.20 Analog to Digital Converter (ADC)

The ADC is a Successive Approximation Register (SAR) architecture, with a resolution of up to 12 bits at up to one million samples per second. The integrated input mux can select inputs from 3 external pins and 6 internal signals.

2.1.21 Current Digital to Analog Converter (IDAC)

The current digital to analog converter can source or sink a configurable constant current, which can be output on, or sinked from pin or ADC. The current is configurable with several ranges of various step sizes.

2.1.22 Advanced Encryption Standard Accelerator (AES)

The AES accelerator performs AES encryption and decryption with 128-bit. Encrypting or decrypting one 128-bit data block takes 52 HFCORECLK cycles with 128-bit keys. The AES module is an AHB slave which enables efficient access to the data and key registers. All write accesses to the AES module must be 32-bit operations, i.e. 8- or 16-bit operations are not supported.

2.1.23 General Purpose Input/Output (GPIO)

In the EFM32HG350, there are 22 General Purpose Input/Output (GPIO) pins, which are divided into ports with up to 16 pins each. These pins can individually be configured as either an output or input. More advanced configurations like open-drain, filtering and drive strength can also be configured individually for the pins. The GPIO pins can also be overridden by peripheral pin connections, like Timer PWM outputs or USART communication, which can be routed to several locations on the device. The GPIO supports up to 10 asynchronous external pin interrupts, which enables interrupts from any pin on the device. Also, the input value of a pin can be routed through the Peripheral Reflex System to other peripherals.

2.2 Configuration Summary

The features of the EFM32HG350 is a subset of the feature set described in the EFM32HG Reference Manual. Table 2.1 (p. 6) describes device specific implementation of the features.

Table 2.1. Configuration Summary

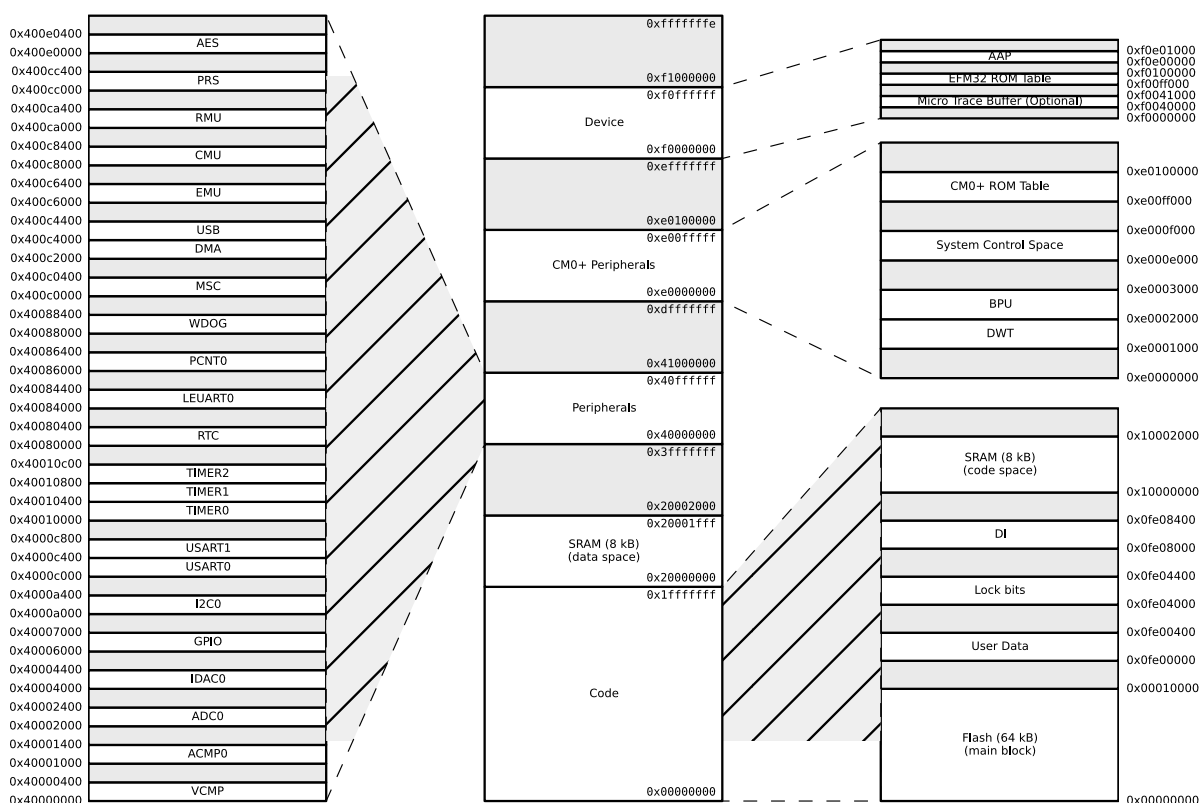
Module	Configuration	Pin Connections
Cortex-M0+	Full configuration	NA
DBG	Full configuration	DBG_SWCLK, DBG_SWDIO,
MSC	Full configuration	NA
DMA	Full configuration	NA
RMU	Full configuration	NA
EMU	Full configuration	NA
CMU	Full configuration	CMU_OUT0, CMU_OUT1
WDOG	Full configuration	NA
PRS	Full configuration	NA
USB	Full configuration	USB_VREGI, USB_VREGO, USB_DM, USB_DMPU, USB_DP
I2C0	Full configuration	I2C0_SDA, I2C0_SCL
USART0	Full configuration with IrDA and I2S	US0_TX, US0_RX, US0_CLK, US0_CS
USART1	Full configuration with I2S and IrDA	US1_TX, US1_RX, US1_CLK, US1_CS

Module	Configuration	Pin Connections
LEUART0	Full configuration	LEU0_TX, LEU0_RX
TIMER0	Full configuration with DTI	TIM0_CC[2:0], TIM0_CDTI[2:0]
TIMER1	Full configuration	TIM1_CC[2:0]
TIMER2	Full configuration	TIM2_CC[2:0]
RTC	Full configuration	NA
PCNT0	Full configuration, 16-bit count register	PCNT0_S[1:0]
ACMP0	Full configuration	ACMP0_CH[1:0], ACMP0_O
VCMP	Full configuration	NA
ADC0	Full configuration	ADC0_CH[7:5]
IDAC0	Full configuration	IDAC0_OUT
AES	Full configuration	NA
GPIO	22 pins	Available pins are shown in Table 4.3 (p. 56)

2.3 Memory Map

The *EFM32HG350* memory map is shown in Figure 2.2 (p. 7), with RAM and Flash sizes for the largest memory configuration.

Figure 2.2. EFM32HG350 Memory Map with largest RAM and Flash sizes



3 Electrical Characteristics

3.1 Test Conditions

3.1.1 Typical Values

The typical data are based on $T_{AMB}=25^{\circ}\text{C}$ and $V_{DD}=3.0\text{ V}$, as defined in Table 3.2 (p. 8), unless otherwise specified.

3.1.2 Minimum and Maximum Values

The minimum and maximum values represent the worst conditions of ambient temperature, supply voltage and frequencies, as defined in Table 3.2 (p. 8), unless otherwise specified.

3.2 Absolute Maximum Ratings

The absolute maximum ratings are stress ratings, and functional operation under such conditions are not guaranteed. Stress beyond the limits specified in Table 3.1 (p. 8) may affect the device reliability or cause permanent damage to the device. Functional operating conditions are given in Table 3.2 (p. 8).

Table 3.1. Absolute Maximum Ratings

Symbol	Parameter	Condition	Min	Typ	Max	Unit
T_{STG}	Storage temperature range		-40		150 ¹	$^{\circ}\text{C}$
T_S	Maximum soldering temperature	Latest IPC/JEDEC J-STD-020 Standard			260	$^{\circ}\text{C}$
V_{DDMAX}	External main supply voltage		0		3.8	V
V_{IOPIN}	Voltage on any I/O pin		-0.3		$V_{DD}+0.3$	V

¹Based on programmed devices tested for 10000 hours at 150°C . Storage temperature affects retention of preprogrammed calibration values stored in flash. Please refer to the Flash section in the Electrical Characteristics for information on flash data retention for different temperatures.

3.3 General Operating Conditions

3.3.1 General Operating Conditions

Table 3.2. General Operating Conditions

Symbol	Parameter	Min	Typ	Max	Unit
T_{AMB}	Ambient temperature range	-40		85	$^{\circ}\text{C}$
V_{DDOP}	Operating supply voltage	1.98		3.8	V
f_{APB}	Internal APB clock frequency			25	MHz
f_{AHB}	Internal AHB clock frequency			25	MHz

3.3.2 Environmental

WLCSP devices can be handled and soldered using industry standard surface mount assembly techniques. However, because WLCSP devices are essentially a piece of silicon and are not encapsulated

in plastic, they are susceptible to mechanical damage and may be sensitive to light. When WLCSPs must be used in an environment exposed to light, it may be necessary to cover the top and sides with an opaque material.

3.4 Current Consumption

Table 3.3. Current Consumption

Symbol	Parameter	Condition	Min	Typ	Max	Unit
I _{EM0}	EM0 current. No prescaling. Running prime number calculation code from Flash.	24 MHz HFXO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =25°C		148	158	μA/ MHz
		24 MHz HFXO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =85°C		153	163	μA/ MHz
		24 MHz USHFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =25°C		161	172	μA/ MHz
		24 MHz USHFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =85°C		163	174	μA/ MHz
		24 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =25°C		127	137	μA/ MHz
		24 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =85°C		129	139	μA/ MHz
		21 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =25°C		131	140	μA/ MHz
		21 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =85°C		134	143	μA/ MHz
		14 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =25°C		134	143	μA/ MHz
		14 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =85°C		137	145	μA/ MHz
		11 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =25°C		136	144	μA/ MHz
		11 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =85°C		139	148	μA/ MHz
		6.6 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =25°C		142	150	μA/ MHz
		6.6 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =85°C		146	154	μA/ MHz
		1.2 MHz HFRCO, all peripheral clocks disabled, V _{DD} = 3.0 V, T _{AMB} =25°C		184	196	μA/ MHz

Figure 3.2. EM0 Current consumption while executing prime number calculation code from flash with HFRCO running at 21 MHz

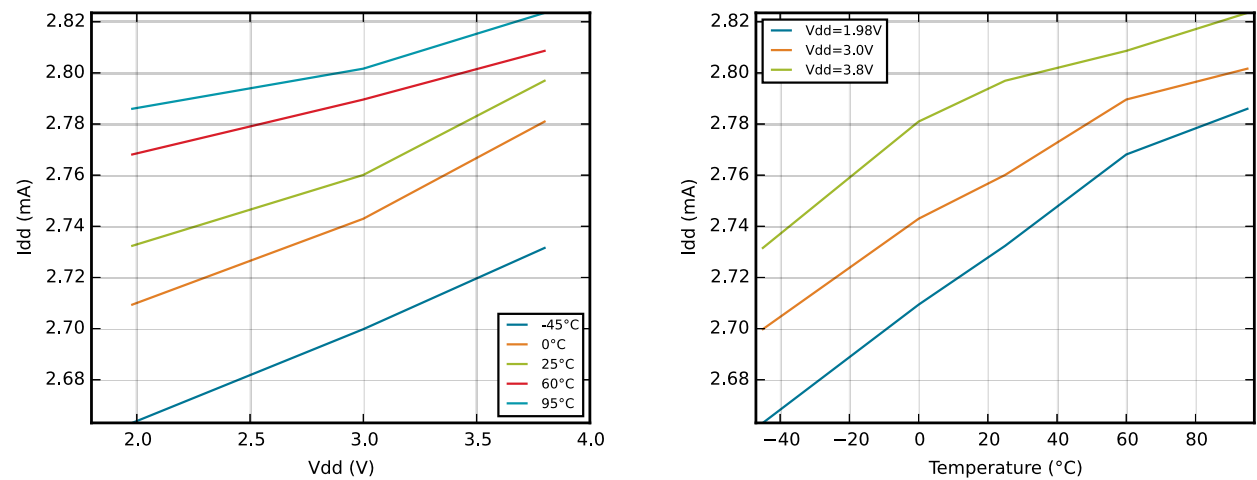


Figure 3.3. EM0 Current consumption while executing prime number calculation code from flash with HFRCO running at 14 MHz

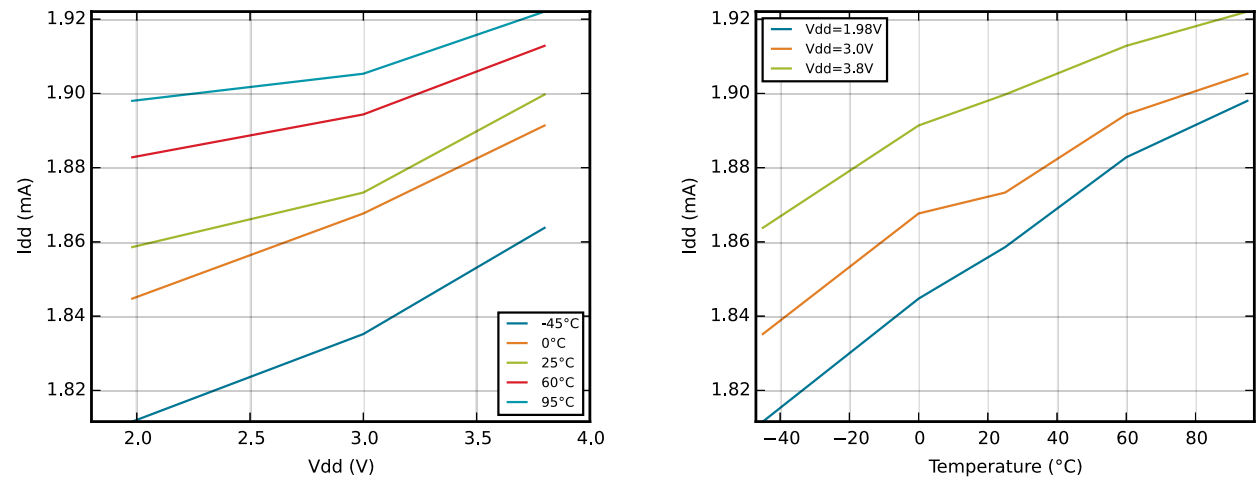


Figure 3.8. EM1 Current consumption with all peripheral clocks disabled and HFRCO running at 14 MHz

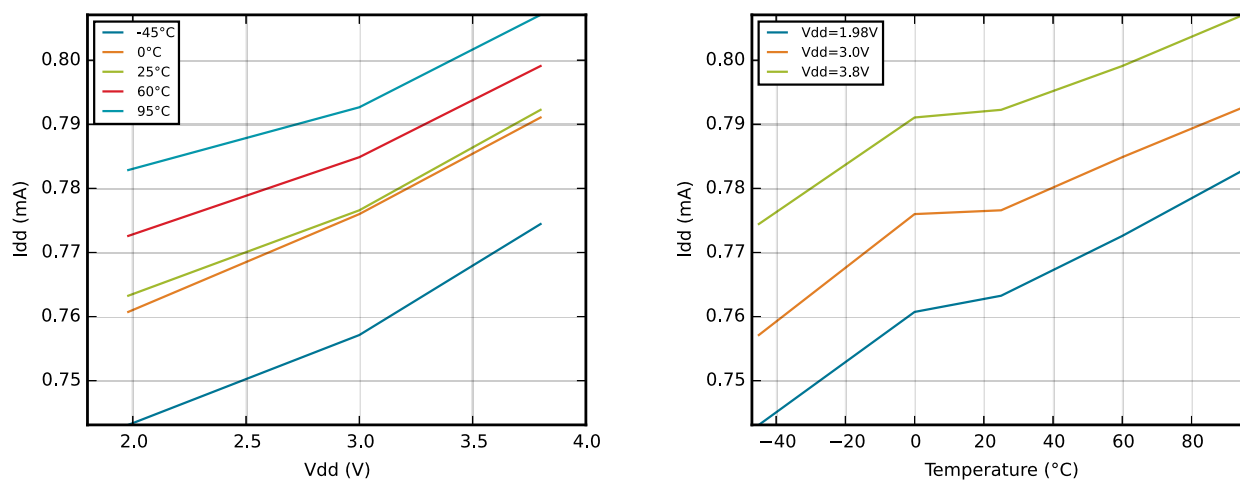
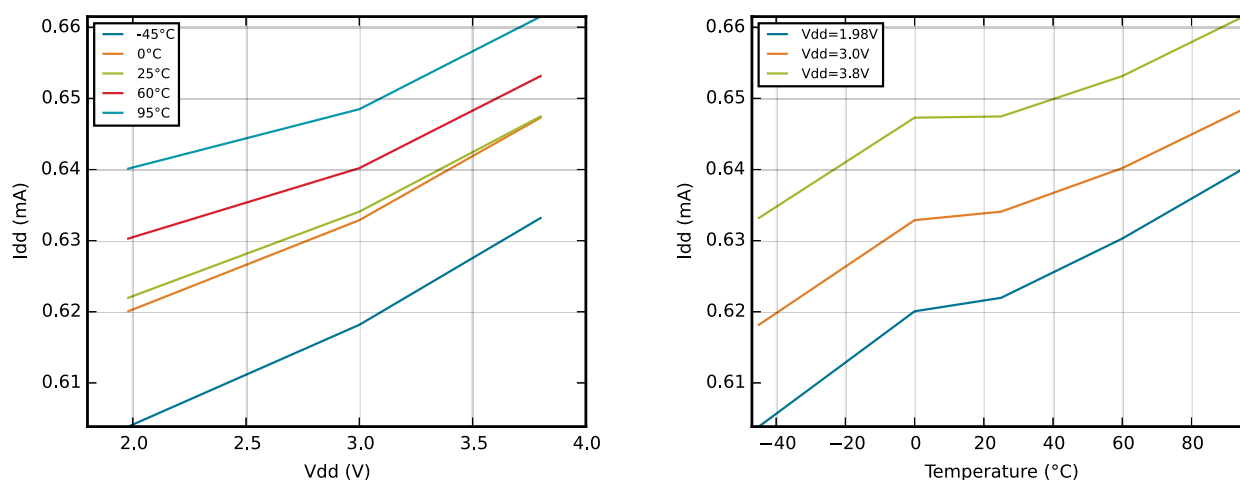
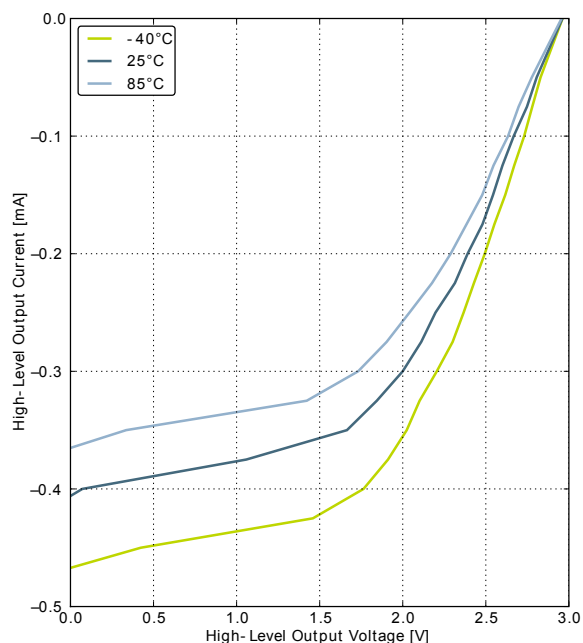


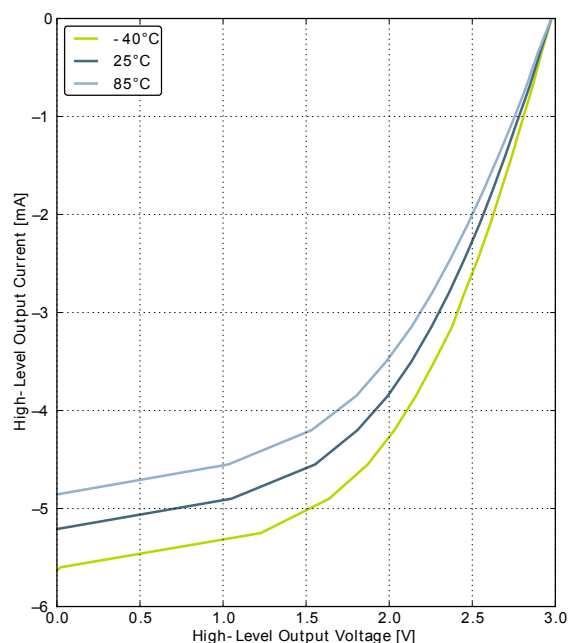
Figure 3.9. EM1 Current consumption with all peripheral clocks disabled and HFRCO running at 11 MHz



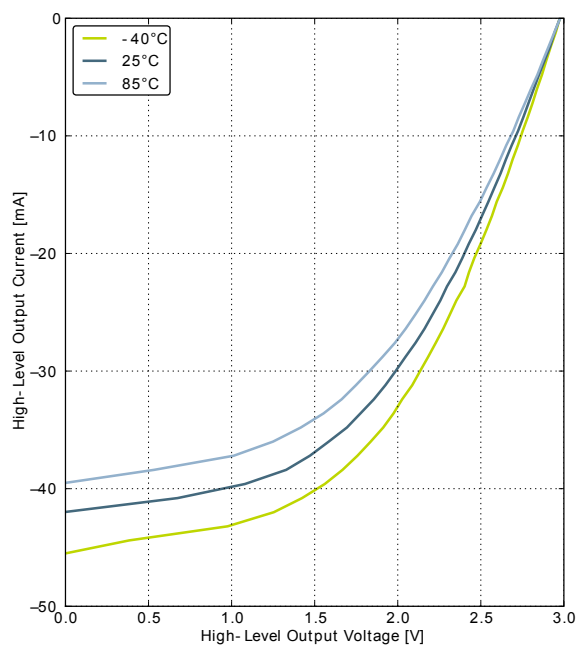
Symbol	Parameter	Condition	Min	Typ	Max	Unit
		Sinking 20 mA, $V_{DD}=3.0$ V, GPIO_Px_CTRL DRIVEMODE = HIGH			$0.25V_{DD}$	V
I_{IOLEAK}	Input leakage current	High Impedance IO connected to GROUND or Vdd		± 0.1	± 40	nA
R_{PU}	I/O pin pull-up resistor			40		kOhm
R_{PD}	I/O pin pull-down resistor			40		kOhm
R_{IOESD}	Internal ESD series resistor			200		Ohm
$t_{IOGLITCH}$	Pulse width of pulses to be removed by the glitch suppression filter		10		50	ns
t_{IOOF}	Output fall time	GPIO_Px_CTRL DRIVEMODE = LOWEST and load capacitance $C_L=12.5-25$ pF.	$20+0.1C_L$		250	ns
		GPIO_Px_CTRL DRIVEMODE = LOW and load capacitance $C_L=350-600$ pF	$20+0.1C_L$		250	ns
V_{IOHYST}	I/O pin hysteresis ($V_{IOTHR+} - V_{IOTHR-}$)	$V_{DD} = 1.98 - 3.8$ V	$0.1V_{DD}$			V

Figure 3.17. Typical High-Level Output Current, 3V Supply Voltage

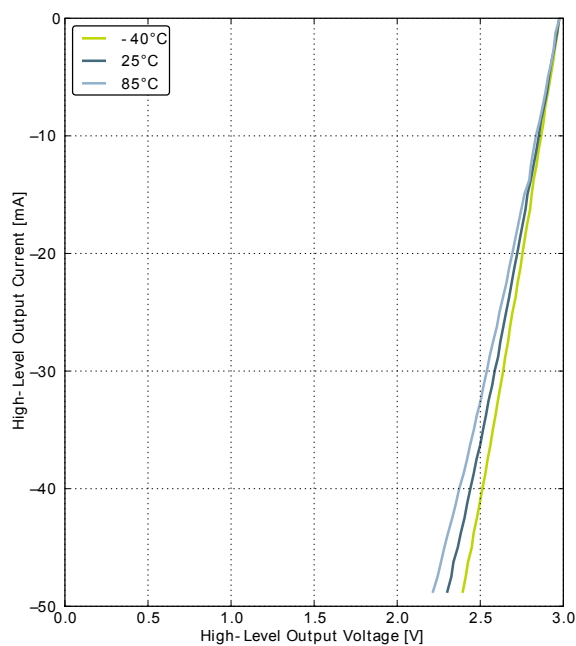
GPIO_Px_CTRL DRIVEMODE = LOWEST



GPIO_Px_CTRL DRIVEMODE = LOW



GPIO_Px_CTRL DRIVEMODE = STANDARD



GPIO_Px_CTRL DRIVEMODE = HIGH

3.9 Oscillators

3.9.1 LFXO

Table 3.8. LFXO

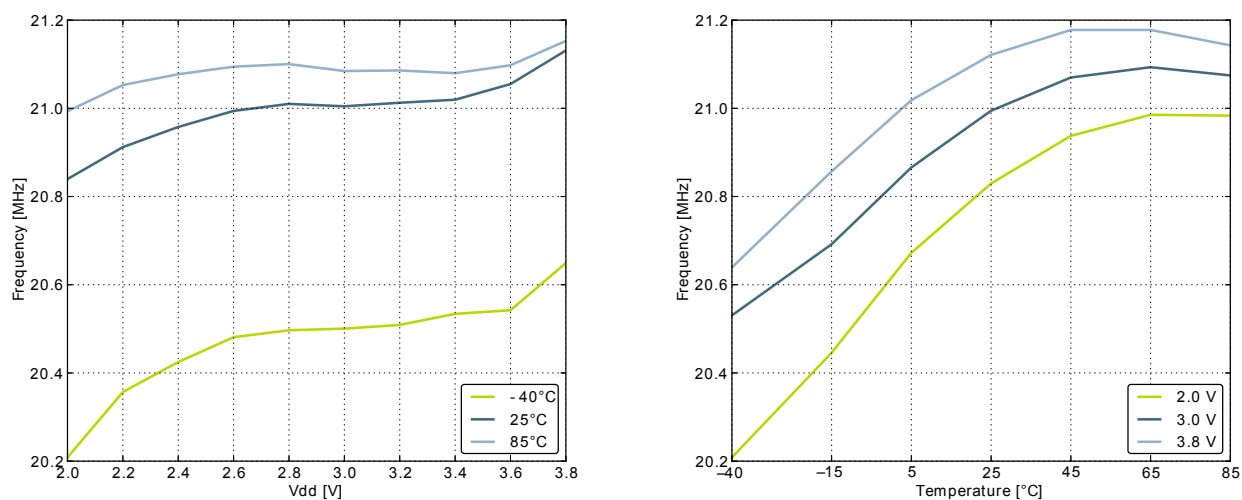
Symbol	Parameter	Condition	Min	Typ	Max	Unit
f_{LFXO}	Supported nominal crystal frequency			32.768		kHz
ESR_{LFXO}	Supported crystal equivalent series resistance (ESR)			30	120	kOhm
C_{LFXOL}	Supported crystal external load range		5		25	pF
I_{LFXO}	Current consumption for core and buffer after startup.	ESR=30 kOhm, C_L =10 pF, LFXOBOOST in CMU_CTRL is 1		190		nA
t_{LFXO}	Start- up time.	ESR=30 kOhm, C_L =10 pF, 40% - 60% duty cycle has been reached, LFXOBOOST in CMU_CTRL is 1		1100		ms

For safe startup of a given crystal, the Configurator tool in Simplicity Studio contains a tool to help users configure both load capacitance and software settings for using the LFXO. For details regarding the crystal configuration, the reader is referred to application note "AN0016 EFM32 Oscillator Design Consideration".

3.9.2 HFXO

Table 3.9. HFXO

Symbol	Parameter	Condition	Min	Typ	Max	Unit
f_{HFXO}	Supported frequency, any mode		4		25	MHz
ESR_{HFXO}	Supported crystal equivalent series resistance (ESR)	Crystal frequency 25 MHz		30	100	Ohm
		Crystal frequency 4 MHz		400	1500	Ohm
g_{mHFXO}	The transconductance of the HFXO input transistor at crystal startup	HFXOBOOST in CMU_CTRL equals 0b11	20			mS
C_{HFXOL}	Supported crystal external load range		5		25	pF
I_{HFXO}	Current consumption for HFXO after startup	4 MHz: ESR=400 Ohm, C_L =20 pF, HFXOBOOST in CMU_CTRL equals 0b11		85		μ A
		25 MHz: ESR=30 Ohm, C_L =10 pF, HFXOBOOST in CMU_CTRL equals 0b11		165		μ A
t_{HFXO}	Startup time	25 MHz: ESR=30 Ohm, C_L =10 pF, HFXOBOOST in CMU_CTRL equals 0b11		785		μ s

Figure 3.25. Calibrated HFRCO 21 MHz Band Frequency vs Supply Voltage and Temperature

3.9.5 AUXHFRCO

Table 3.12. AUXHFRCO

Symbol	Parameter	Condition	Min	Typ	Max	Unit
f_{AUXHFRCO}	Oscillation frequency, $V_{\text{DD}} = 3.0 \text{ V}$, $T_{\text{AMB}} = 25^\circ\text{C}$	21 MHz frequency band	20.37	21.0	21.63	MHz
		14 MHz frequency band	13.58	14.0	14.42	MHz
		11 MHz frequency band	10.67	11.0	11.33	MHz
		7 MHz frequency band	6.40	6.60	6.80	MHz
		1 MHz frequency band	1.15	1.20	1.25	MHz
$t_{\text{AUXHFRCO_settling}}$	Settling time after start-up	$f_{\text{AUXHFRCO}} = 14 \text{ MHz}$		0.6		Cycles
$\text{TUNESTEP}_{\text{AUXHFRCO}}$	Frequency step for LSB change in TUNING value	21 MHz frequency band		52.8		kHz
		14 MHz frequency band		36.9		kHz
		11 MHz frequency band		30.1		kHz
		7 MHz frequency band		18.0		kHz
		1 MHz frequency band		3.4		kHz

Symbol	Parameter	Condition	Min	Typ	Max	Unit
V _{ADCREFIN_CH6}	Input range of external positive reference voltage on channel 6	See V _{ADCREFIN}	0.625		V _{DD}	V
V _{ADCCMIN}	Common mode input range		0		V _{DD}	V
I _{ADCIN}	Input current	2pF sampling capacitors		<100		nA
CMRR _{ADC}	Analog input common mode rejection ratio			65		dB
I _{ADC}	Average active current	1 MSamples/s, 12 bit, external reference		392	510	μA
		10 kSamples/s 12 bit, internal 1.25 V reference, WARMUP-MODE in ADCn_CTRL set to 0b00		67		μA
		10 kSamples/s 12 bit, internal 1.25 V reference, WARMUP-MODE in ADCn_CTRL set to 0b01		63		μA
		10 kSamples/s 12 bit, internal 1.25 V reference, WARMUP-MODE in ADCn_CTRL set to 0b10		64		μA
		10 kSamples/s 12 bit, internal 1.25 V reference, WARMUP-MODE in ADCn_CTRL set to 0b11		244		μA
I _{ADCREF}	Current consumption of internal voltage reference	Internal voltage reference		65		μA
C _{ADCIN}	Input capacitance			2		pF
R _{ADCIN}	Input ON resistance		1			MΩ
R _{ADCFLT}	Input RC filter resistance			10		kΩ
C _{ADCFLT}	Input RC filter/de-coupling capacitance			250		fF
f _{ADCCLK}	ADC Clock Frequency				13	MHz
t _{ADCCONV}	Conversion time	6 bit	7			ADC-CLK Cycles
		8 bit	11			ADC-CLK Cycles
		12 bit	13			ADC-CLK Cycles
t _{ADCACQ}	Acquisition time	Programmable	1		256	ADC-CLK Cycles

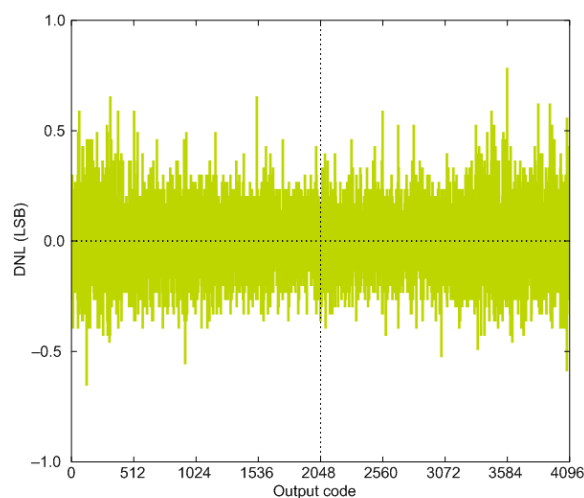
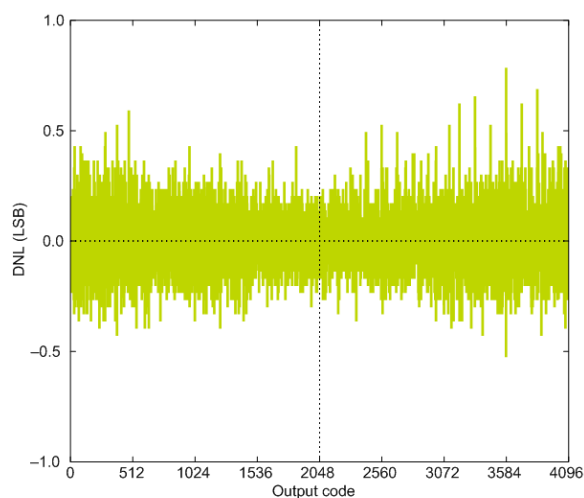
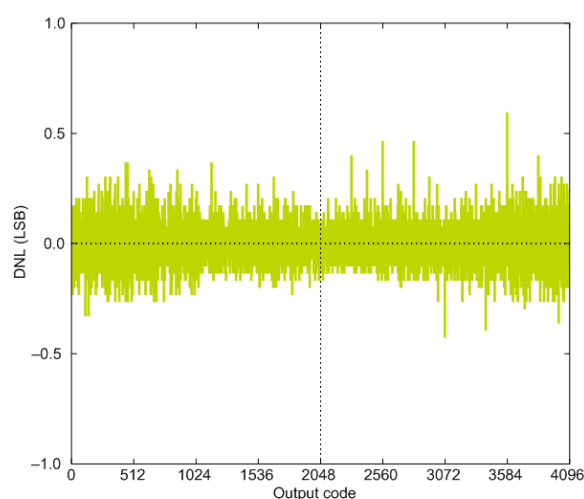
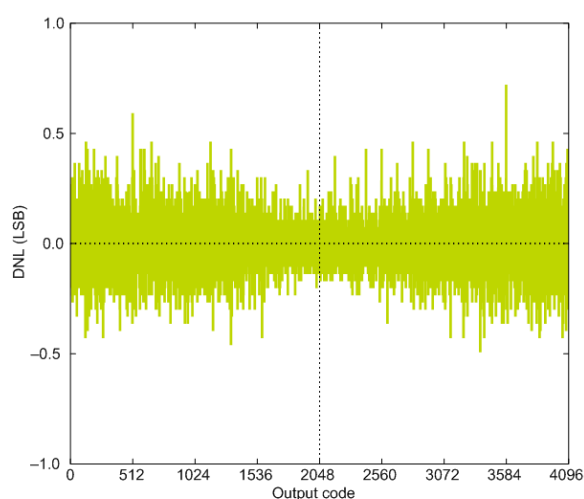
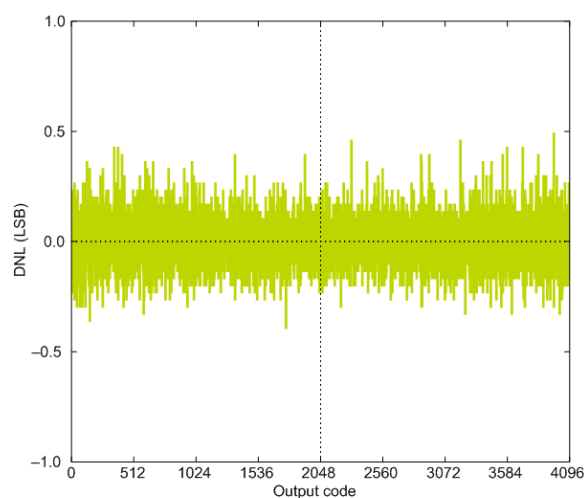
Figure 3.30. ADC Differential Linearity Error vs Code, Vdd = 3V, Temp = 25°C**1.25V Reference****2.5V Reference****2XVDDVSS Reference****5VDIFF Reference****VDD Reference**

Table 3.28. I2C Fast-mode (Fm)

Symbol	Parameter	Min	Typ	Max	Unit
f _{SCL}	SCL clock frequency	0		400 ¹	kHz
t _{LOW}	SCL clock low time	1.3			μs
t _{HIGH}	SCL clock high time	0.6			μs
t _{SU,DAT}	SDA set-up time	100			ns
t _{HD,DAT}	SDA hold time	8		900 ^{2,3}	ns
t _{SU,STA}	Repeated START condition set-up time	0.6			μs
t _{HD,STA}	(Repeated) START condition hold time	0.6			μs
t _{SU,STO}	STOP condition set-up time	0.6			μs
t _{BUF}	Bus free time between a STOP and START condition	1.3			μs

¹For the minimum HPPERCLK frequency required in Fast-mode, see the I2C chapter in the EFM32HG Reference Manual.

²The maximum SDA hold time (t_{HD,DAT}) needs to be met only when the device does not stretch the low time of SCL (t_{LOW}).

³When transmitting data, this number is guaranteed only when I2Cn_CLKDIV < ((900*10⁻⁹ [s] * f_{HPPERCLK} [Hz]) - 5).

Table 3.29. I2C Fast-mode Plus (Fm+)

Symbol	Parameter	Min	Typ	Max	Unit
f _{SCL}	SCL clock frequency	0		1000 ¹	kHz
t _{LOW}	SCL clock low time	0.5			μs
t _{HIGH}	SCL clock high time	0.26			μs
t _{SU,DAT}	SDA set-up time	50			ns
t _{HD,DAT}	SDA hold time	8			ns
t _{SU,STA}	Repeated START condition set-up time	0.26			μs
t _{HD,STA}	(Repeated) START condition hold time	0.26			μs
t _{SU,STO}	STOP condition set-up time	0.26			μs
t _{BUF}	Bus free time between a STOP and START condition	0.5			μs

¹For the minimum HPPERCLK frequency required in Fast-mode Plus, see the I2C chapter in the EFM32HG Reference Manual.

3.15 USB

The USB hardware in the EFM32HG350 passes all tests for USB 2.0 Full Speed certification. The test report will be distributed with application note "AN0046 - USB Hardware Design Guide" when ready.

Table 3.30. USB

Symbol	Parameter	Condition	Min	Typ	Max	Unit
V _{USBOUT}	USB regulator output voltage		3.1	3.4	3.7	V
I _{USBOUT}	USB regulator output current	BIASPROG=0, T _{AMB} =25°C	55.7	79.4	104.1	mA
		BIASPROG=1, T _{AMB} =25°C	66.0	95.9	126.4	mA
		BIASPROG=2, T _{AMB} =25°C	94.6	146.5	188.1	mA
		BIASPROG=3, T _{AMB} =25°C	80.4	128.3	176.0	mA

CSP36 Pin# and Name		Pin Alternate Functionality / Description			
Pin #	Pin Name	Analog	Timers	Communication	Other
		To apply an external reset source to this pin, it is required to only drive this pin low during reset, and let the internal pull-up ensure that reset is released.			
E6	PB7	LFXTAL_P	TIM1_CC0 #3	US0_TX #4 US1_CLK #0	
F1	PD5	ADC0_CH5		LEU0_RX #0	
F2	PB14	HFX TAL_N		US0_CS #4/5 LEU0_RX #1	
F3	PB13	HFX TAL_P		US0_CLK #4/5 LEU0_TX #1	
F4	AVDD_1	Analog power supply 1.			
F5	PB11	IDAC0_OUT	TIM1_CC2 #3 PCNT0_S1IN #4	US1_CLK #4	CMU_CLK1 #3 ACMP0_O #3
F6	PB8	LFXTAL_N	TIM1_CC1 #3	US0_RX #4 US1_CS #0	

4.2 Alternate Functionality Pinout

A wide selection of alternate functionality is available for multiplexing to various pins. This is shown in Table 4.2 (p. 54). The table shows the name of the alternate functionality in the first column, followed by columns showing the possible LOCATION bitfield settings.

Note

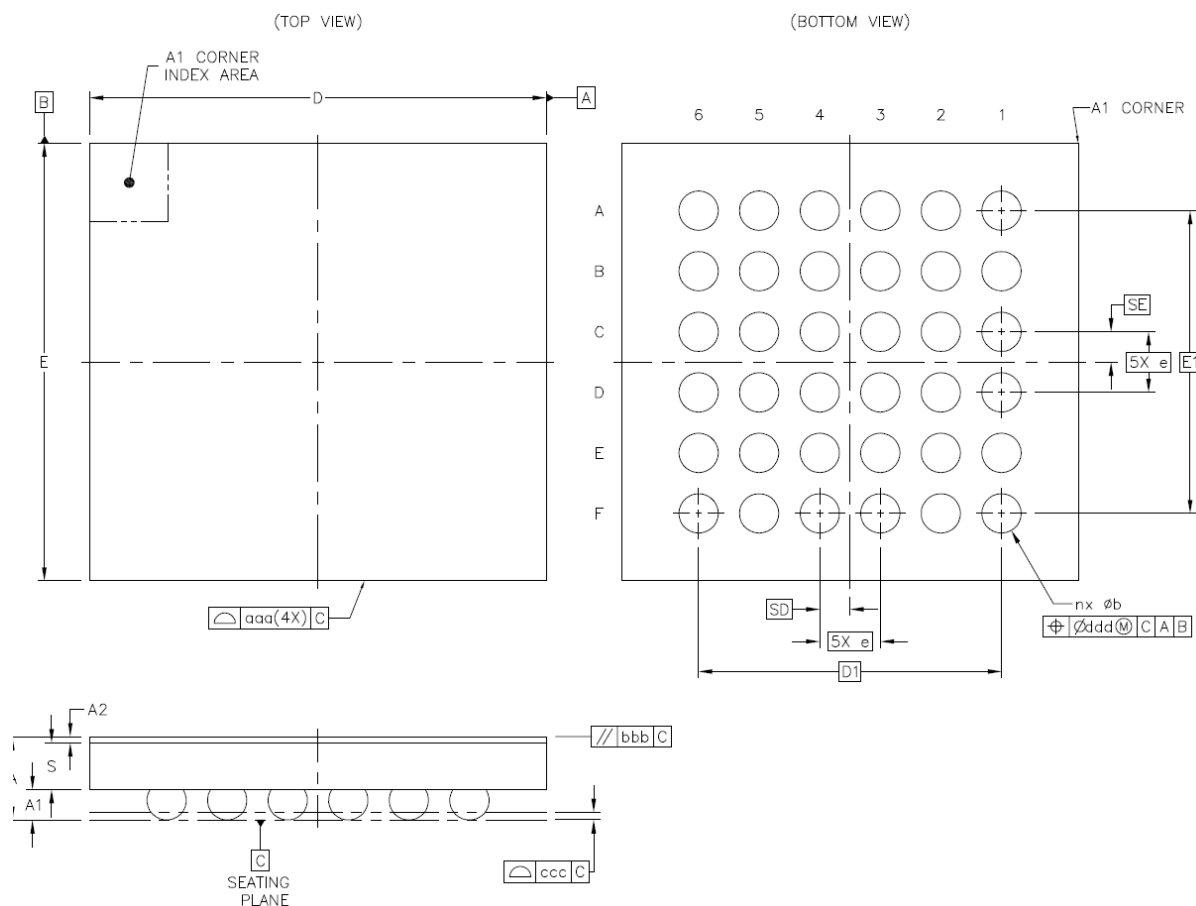
Some functionality, such as analog interfaces, do not have alternate settings or a LOCATION bitfield. In these cases, the pinout is shown in the column corresponding to LOCATION 0.

Table 4.2. Alternate functionality overview

Alternate	LOCATION							
Functionality	0	1	2	3	4	5	6	Description
ACMP0_CH0	PC0							Analog comparator ACMP0, channel 0.
ACMP0_CH1	PC1							Analog comparator ACMP0, channel 1.
ACMP0_O	PE13		PD6	PB11				Analog comparator ACMP0, digital output.
ADC0_CH0	PE12							Analog to digital converter ADC0, input channel number 0.
ADC0_CH1	PE13							Analog to digital converter ADC0, input channel number 1.
ADC0_CH5	PD5							Analog to digital converter ADC0, input channel number 5.
ADC0_CH6	PD6							Analog to digital converter ADC0, input channel number 6.
ADC0_CH7	PD7							Analog to digital converter ADC0, input channel number 7.
BOOT_RX	PF1							Bootloader RX.
BOOT_TX	PF0							Bootloader TX.
CMU_CLK0	PA2		PD7	PF2				Clock Management Unit, clock output number 0.
CMU_CLK1	PA1		PE12	PB11				Clock Management Unit, clock output number 1.
DBG_SWCLK	PF0							Debug-interface Serial Wire clock input. Note that this function is enabled to pin out of reset, and has a built-in pull down.
DBG_SWDIO	PF1							Debug-interface Serial Wire data input / output.

4.4 CSP36 Package

Figure 4.2. CSP36



Note:

1. All dimensions shown are in millimeters (mm) unless otherwise noted.
2. Dimensioning and Tolerancing per ANSI Y14.5M-1994.
3. Primary datum "C" and seating plane are defined by the spherical crowns of the solder balls.
4. Dimension "b" is measured at the maximum solder bump diameter, parallel to primary datum "C".
5. Recommended card reflow profile is per the JEDEC/IPC J-STD-020C specification for Small Body Components.

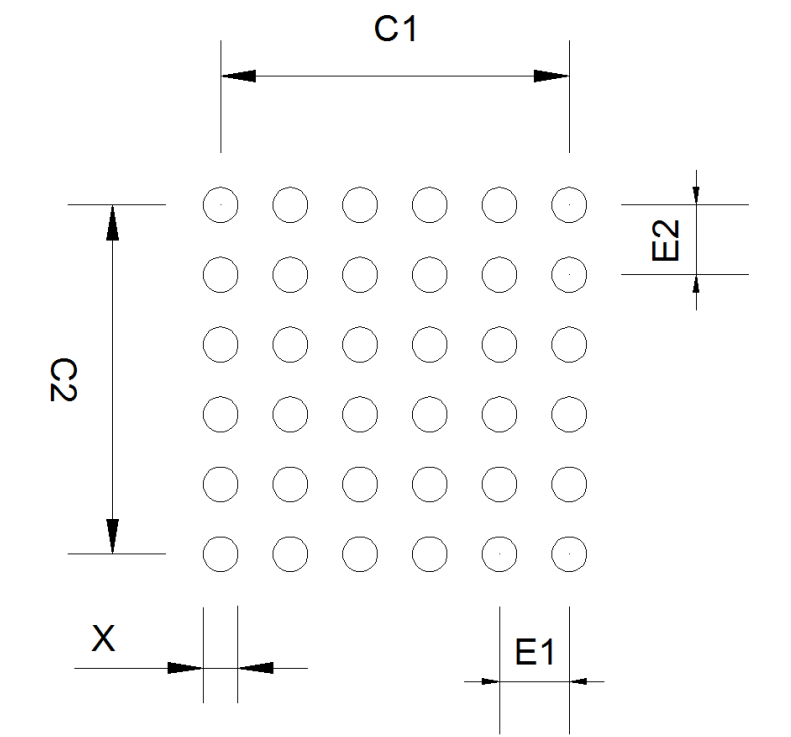
Table 4.4. CSP36 (Dimensions in mm)

Symbol	A	A1	A2	b	S	D	E	e	D1	E1	SD	SE	n	aaa	bbb	ccc	ddd
Min	0.491	0.17	0.036	0.23	0.3075												
Nom	0.55	-	0.040	-	0.31	3.016 BSC.	2.891 BSC.	0.40 BSC.	2.00 BSC.	2.00 BSC.	0.2	0.2	36	0.03	0.06	0.05	0.015
Max	0.609	0.23	0.044	0.29	0.3125												

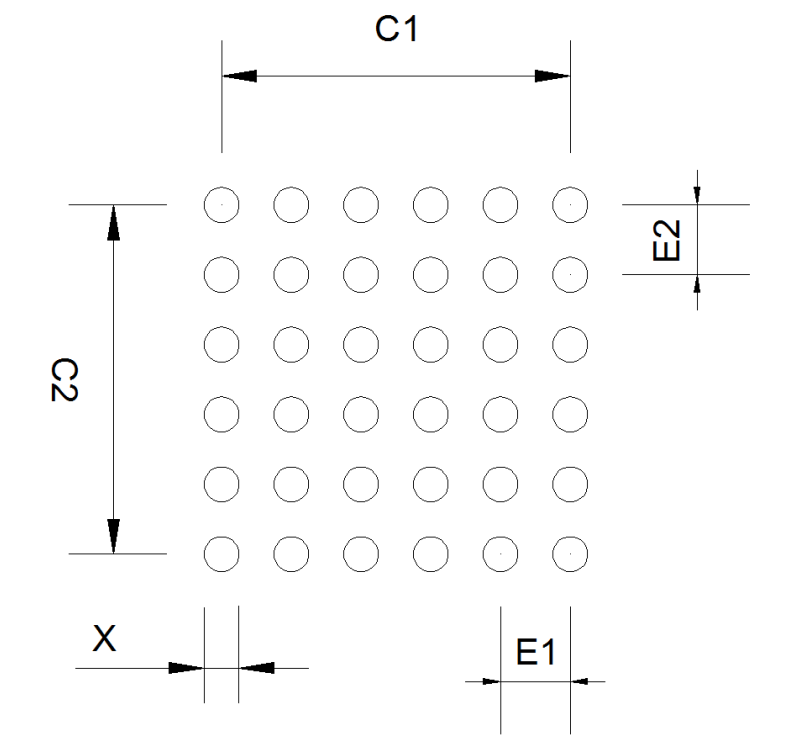
All EFM32 packages are RoHS compliant and free of Bromine (Br) and Antimony (Sb).

For additional Quality and Environmental information, please see:

<http://www.silabs.com/support/quality/pages/default.aspx>

Figure 5.2. CSP36 PCB Solder Mask**Table 5.2. CSP36 PCB Solder Mask Dimensions (Dimensions in mm)**

Symbol	Dim. (mm)
X	0.26
C1	2.00
C2	2.00
E1	0.40
E2	0.40

Figure 5.3. CSP36 PCB Stencil Design**Table 5.3. CSP36 PCB Stencil Design Dimensions (Dimensions in mm)**

Symbol	Dim. (mm)
X	0.20
C1	2.00
C2	2.00
E1	0.40
E2	0.40

1. The drawings are not to scale.
2. All dimensions are in millimeters.
3. All drawings are subject to change without notice.
4. The PCB Land Pattern drawing is in compliance with IPC-7351B.
5. Stencil thickness 0.075 mm (3 mils).
6. For detailed pin-positioning, see Figure 4.2 (p. 57) .

5.2 Soldering Information

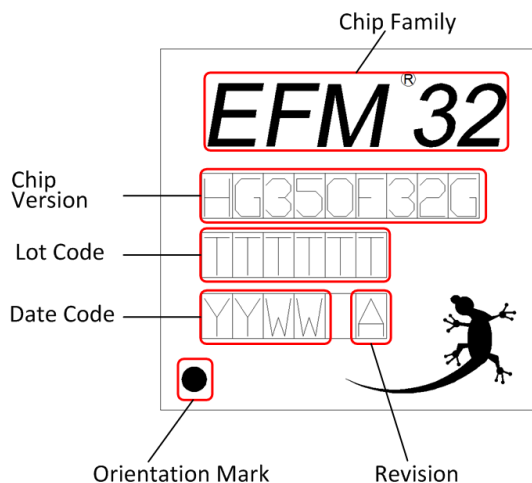
The latest IPC/JEDEC J-STD-020 recommendations for Pb-Free reflow soldering should be followed.

6 Chip Marking, Revision and Errata

6.1 Chip Marking

In the illustration below package fields and position are shown.

Figure 6.1. Example Chip Marking (top view)



6.2 Revision

The revision of a chip can be determined from the "Revision" field in Figure 6.1 (p. 61) .

6.3 Errata

Please see the errata document for EFM32HG350 for description and resolution of device erratas. This document is available in Simplicity Studio and online at:
<http://www.silabs.com/support/pages/document-library.aspx?p=MCUs--32-bit>

A Disclaimer and Trademarks

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