



## PSoC 6 BLE Pioneer Kit and PSoC Creator 4.2 Beta - Limitations and Known Issues – KBA221482

**Question:** What are the current limitations and known issues with the CY8CKIT-062-BLE PSoC 6 BLE Pioneer Kit and PSoC Creator 4.2 Beta software?

**Answer:** Refer to the following documents to understand the current limitations and known issues:

- [PSoC 6 BLE Pioneer Kit Release Notes](#), available in the [PSoC 6 Community](#) webpage (*cypress.com registration required*)
- [PSoC Creator 4.2 Release Notes](#), available in the [PSoC 6 Community](#) webpage (*cypress.com registration required*)
- PSoC 6 MCU Datasheet and Errata, available in the [PSoC 63 with BLE](#) and [PSoC 62](#) webpages

For a detailed list of PSoC 6 MCU documentation and design tools, visit [www.cypress.com/PSoC6](http://www.cypress.com/PSoC6)



**Related Categories:**

**Keywords:** [PSoC 6, errata, limitations, known issues]

**Product Family:** [PSoC 6 MCU]

**Related Tags:** [Select the Tags by clicking the checkbox associated to the Tags]

**Clocks & Buffers Tags**

<input type="checkbox"/> Adapter	<input type="checkbox"/> Algorithm	<input type="checkbox"/> Bitmap	<input type="checkbox"/> Buffer	<input type="checkbox"/> Bypass	<input type="checkbox"/> CLKMAKER
<input type="checkbox"/> CML	<input type="checkbox"/> CY3670	<input type="checkbox"/> CY3672	<input type="checkbox"/> CY3675	<input type="checkbox"/> CY36800	<input type="checkbox"/> Cascade
<input type="checkbox"/> Charge Pump	<input type="checkbox"/> Clock Tree	<input type="checkbox"/> Clocks	<input type="checkbox"/> Clocks and Buffers	<input type="checkbox"/> ComLink	<input type="checkbox"/> Crystal Oscillators
<input type="checkbox"/> CyClock	<input type="checkbox"/> CyClockWizard	<input type="checkbox"/> CyberClocks	<input type="checkbox"/> CyberClocks Online	<input type="checkbox"/> Cycle to Cycle	<input type="checkbox"/> DCXO
<input type="checkbox"/> Delay	<input type="checkbox"/> Deterministic Jitter	<input type="checkbox"/> Differential	<input type="checkbox"/> Divider	<input type="checkbox"/> Duty Cycle	<input type="checkbox"/> EMI
<input type="checkbox"/> Enhanced Performance	<input type="checkbox"/> Ent	<input type="checkbox"/> Entrant	<input type="checkbox"/> FNOM	<input type="checkbox"/> Factory	<input type="checkbox"/> Failsafe
<input type="checkbox"/> Fanout	<input type="checkbox"/> FastEdge	<input type="checkbox"/> Feedback	<input type="checkbox"/> Field	<input type="checkbox"/> Flexo	<input type="checkbox"/> Frequency
<input type="checkbox"/> Frequency Margining	<input type="checkbox"/> Function Select	<input type="checkbox"/> Generators	<input type="checkbox"/> Ground Bounce	<input type="checkbox"/> HPB	<input type="checkbox"/> HSTL
<input type="checkbox"/> Hershey Kiss	<input type="checkbox"/> I2C	<input type="checkbox"/> IBIS Model	<input type="checkbox"/> Impedance	<input type="checkbox"/> Input	<input type="checkbox"/> InstaClock
<input type="checkbox"/> Inverted	<input type="checkbox"/> Jed	<input type="checkbox"/> Jedec	<input type="checkbox"/> Jitter	<input type="checkbox"/> LVCMOS	<input type="checkbox"/> LVDS
<input type="checkbox"/> LVPECL	<input type="checkbox"/> Layout	<input type="checkbox"/> Lexmark Profile	<input type="checkbox"/> Loop Bandwidth	<input type="checkbox"/> MoBL	<input type="checkbox"/> Modulation Rate
<input type="checkbox"/> Multiplier	<input type="checkbox"/> NZDB	<input type="checkbox"/> Non-Volatile Memory	<input type="checkbox"/> OTP	<input type="checkbox"/> Offset	<input type="checkbox"/> Oscillator
<input type="checkbox"/> Output	<input type="checkbox"/> Overvoltage	<input type="checkbox"/> PCI Express	<input type="checkbox"/> PLL	<input type="checkbox"/> PPM	<input type="checkbox"/> PREMIS
<input type="checkbox"/> Period	<input type="checkbox"/> Phase	<input type="checkbox"/> Phase Noise	<input type="checkbox"/> Power Supply Noise	<input type="checkbox"/> Program	<input type="checkbox"/> Programmable
<input type="checkbox"/> Propagation	<input type="checkbox"/> Pullability	<input type="checkbox"/> RMS	<input type="checkbox"/> Rambus	<input type="checkbox"/> Random Jitter	<input type="checkbox"/> Reference
<input type="checkbox"/> Rise Fall Time	<input type="checkbox"/> RoboClock	<input type="checkbox"/> Schematic	<input type="checkbox"/> Serial	<input type="checkbox"/> Signal Integrity	<input type="checkbox"/> Skew
<input type="checkbox"/> Socket	<input type="checkbox"/> Specialty Clocks	<input type="checkbox"/> Spread %	<input type="checkbox"/> Spread Aware	<input type="checkbox"/> Spread Profile	<input type="checkbox"/> Spread Spectrum
<input type="checkbox"/> Synthesizer	<input type="checkbox"/> TCXO	<input type="checkbox"/> TIE	<input type="checkbox"/> Termination	<input type="checkbox"/> Thermal	<input type="checkbox"/> Translator
<input type="checkbox"/> Undervoltage	<input type="checkbox"/> UniClock	<input type="checkbox"/> Unit Interval	<input type="checkbox"/> VCO	<input type="checkbox"/> VCXO	<input type="checkbox"/> Volatile Memory
<input type="checkbox"/> Voltage Droop	<input type="checkbox"/> XCG	<input type="checkbox"/> XDR	<input type="checkbox"/> XO	<input type="checkbox"/> Xtal	<input type="checkbox"/> ZDB
<input type="checkbox"/> Zepto					

## Lighting & Power Control Tags

<input type="checkbox"/> Board Layout	<input type="checkbox"/> Boost Regulator	<input type="checkbox"/> Buck Regulator	<input type="checkbox"/> CY3261	<input type="checkbox"/> CY3267	<input type="checkbox"/> CY3268
<input type="checkbox"/> CY3269	<input type="checkbox"/> Color Mixing	<input type="checkbox"/> Current Sense	<input type="checkbox"/> DALI	<input type="checkbox"/> DMX	<input type="checkbox"/> FN Pins
<input type="checkbox"/> HB LEDs	<input type="checkbox"/> Hysteretic Controller	<input type="checkbox"/> MOSFETs	<input type="checkbox"/> MPPT	<input type="checkbox"/> Modulators	<input type="checkbox"/> PrISM
<input type="checkbox"/> Programming	<input type="checkbox"/> SSDM	<input type="checkbox"/> Schematics	<input type="checkbox"/> Switching Regulators	<input type="checkbox"/> Trip	<input type="checkbox"/> Voltage Regulator

## Wireless/RF Tags

<input type="checkbox"/> 2.4 GHz	<input type="checkbox"/> 8DR	<input type="checkbox"/> Antenna	<input type="checkbox"/> Audio	<input type="checkbox"/> AgileHID	<input type="checkbox"/> Bridge
<input type="checkbox"/> CY3271	<input type="checkbox"/> CY3630	<input type="checkbox"/> CY4636	<input type="checkbox"/> CY4672	<input type="checkbox"/> CYFI	<input type="checkbox"/> CYFISNP
<input type="checkbox"/> CYRF6936	<input type="checkbox"/> CYRF7936	<input type="checkbox"/> Channel	<input type="checkbox"/> DDR	<input type="checkbox"/> DSSS	<input type="checkbox"/> GFSK
<input type="checkbox"/> HID	<input type="checkbox"/> HUB	<input type="checkbox"/> IRQ	<input type="checkbox"/> Interference Avoidance	<input type="checkbox"/> Keyboard	<input type="checkbox"/> Link Budget
<input type="checkbox"/> Mouse	<input type="checkbox"/> Node	<input type="checkbox"/> PMU	<input type="checkbox"/> PN Code	<input type="checkbox"/> PRoC	<input type="checkbox"/> PRoC-CS
<input type="checkbox"/> PRoC-EMB	<input type="checkbox"/> PRoC-TT	<input type="checkbox"/> PRoC-USB	<input type="checkbox"/> PRoC-UI	<input type="checkbox"/> Power Amplifier	<input type="checkbox"/> Preamble
<input type="checkbox"/> Pseudo Noise code	<input type="checkbox"/> RF	<input type="checkbox"/> RSSI	<input type="checkbox"/> Range	<input type="checkbox"/> Remote	<input type="checkbox"/> SCD
<input type="checkbox"/> SDR	<input type="checkbox"/> SOP	<input type="checkbox"/> SPIM	<input type="checkbox"/> Star-Network Protocol	<input type="checkbox"/> Streaming	<input type="checkbox"/> Trackpad
<input type="checkbox"/> Wireless	<input type="checkbox"/> Wireless USB	<input type="checkbox"/> Wireless USB LP	<input type="checkbox"/> Wireless USB LS	<input type="checkbox"/> Wireless USB LR	<input type="checkbox"/> Wireless USB NL
<input type="checkbox"/> Wireless Capacitive Touch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Memory Tags

<input type="checkbox"/> Address Bus	<input type="checkbox"/> Async	<input type="checkbox"/> Automotive	<input type="checkbox"/> Autostore	<input type="checkbox"/> BHE / BLE	<input type="checkbox"/> BUSY
<input type="checkbox"/> Battery Backup	<input type="checkbox"/> Burst	<input type="checkbox"/> Bus Contention	<input type="checkbox"/> Clock	<input type="checkbox"/> DDR	<input type="checkbox"/> Data Bus
<input type="checkbox"/> Data Integrity	<input type="checkbox"/> Data Retention	<input type="checkbox"/> Datasheet	<input type="checkbox"/> Dual Port	<input type="checkbox"/> Echo Clocks	<input type="checkbox"/> FIFO
<input type="checkbox"/> FPGA	<input type="checkbox"/> Flags	<input type="checkbox"/> Flowthrough	<input type="checkbox"/> Fullflex	<input type="checkbox"/> FRAM	<input type="checkbox"/> HOLD
<input type="checkbox"/> HD-FIFO	<input type="checkbox"/> HSB	<input type="checkbox"/> I2C	<input type="checkbox"/> INT	<input type="checkbox"/> Impedance Matching	<input type="checkbox"/> Interface
<input type="checkbox"/> Interleaving	<input type="checkbox"/> JTAG	<input type="checkbox"/> Junction Temperature	<input type="checkbox"/> Low Power	<input type="checkbox"/> MSL	<input type="checkbox"/> Migration Path
<input type="checkbox"/> MoBL	<input type="checkbox"/> Models	<input type="checkbox"/> NoBL	<input type="checkbox"/> ODT	<input type="checkbox"/> Obsolete	<input type="checkbox"/> PCB
<input type="checkbox"/> PLL / DLL	<input type="checkbox"/> Packaging	<input type="checkbox"/> Parallel	<input type="checkbox"/> Parity	<input type="checkbox"/> Part Decoder	<input type="checkbox"/> Part Difference



<input type="checkbox"/> Password Protection	<input type="checkbox"/> Pin Configuration	<input type="checkbox"/> Pipeline	<input type="checkbox"/> Power Consumption	<input type="checkbox"/> Power On State	<input type="checkbox"/> Processor
<input type="checkbox"/> QDR	<input type="checkbox"/> Qualification Reports	<input type="checkbox"/> Quality	<input type="checkbox"/> RECALL	<input type="checkbox"/> RTC	<input type="checkbox"/> Race Condition
<input type="checkbox"/> Read	<input type="checkbox"/> SER	<input type="checkbox"/> SPCM	<input type="checkbox"/> SPI	<input type="checkbox"/> SRAM	<input type="checkbox"/> Serial
<input type="checkbox"/> Signal Integrity	<input type="checkbox"/> Sync	<input type="checkbox"/> Technology	<input type="checkbox"/> Termination	<input type="checkbox"/> Timing	<input type="checkbox"/> Vcap
<input type="checkbox"/> Vddq	<input type="checkbox"/> Voltage Levels	<input type="checkbox"/> Vref	<input type="checkbox"/> Width / Depth Expansion	<input type="checkbox"/> Write	<input type="checkbox"/> nvSRAM
<input type="checkbox"/> uPower	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Interface Tags

<input type="checkbox"/> 10B/8B Decoder	<input type="checkbox"/> 3 Level Inputs	<input type="checkbox"/> ALDEC	<input type="checkbox"/> ATM	<input type="checkbox"/> Altera	<input type="checkbox"/> BIST
<input type="checkbox"/> BSDL	<input type="checkbox"/> Biasing	<input type="checkbox"/> CDR	<input type="checkbox"/> CML	<input type="checkbox"/> CPLD	<input type="checkbox"/> CY3900i
<input type="checkbox"/> CY3950i	<input type="checkbox"/> CYUSBIRPC	<input type="checkbox"/> Cable	<input type="checkbox"/> Cable Driver	<input type="checkbox"/> Channel Bonding	<input type="checkbox"/> Clock Multiplier
<input type="checkbox"/> Clocking Modes	<input type="checkbox"/> Coaxial Cable	<input type="checkbox"/> Copper Cable	<input type="checkbox"/> Coupling	<input type="checkbox"/> Crystal	<input type="checkbox"/> Current
<input type="checkbox"/> DVB	<input type="checkbox"/> Data Character	<input type="checkbox"/> Data rate	<input type="checkbox"/> Delta39K	<input type="checkbox"/> Deserialize	<input type="checkbox"/> Deserializer
<input type="checkbox"/> Dual Channel	<input type="checkbox"/> EPLD	<input type="checkbox"/> EPROM	<input type="checkbox"/> ESCON	<input type="checkbox"/> Elasticity Buffer	<input type="checkbox"/> Equalizer
<input type="checkbox"/> Error	<input type="checkbox"/> Evaluation Board	<input type="checkbox"/> FPGA	<input type="checkbox"/> Fiber Optics	<input type="checkbox"/> Flash370i	<input type="checkbox"/> Framer
<input type="checkbox"/> Framing Character	<input type="checkbox"/> Framing Mode	<input type="checkbox"/> Gigabit Ethernet	<input type="checkbox"/> Hex	<input type="checkbox"/> High Speed Serial Links	<input type="checkbox"/> Hotlink
<input type="checkbox"/> HotlinkI	<input type="checkbox"/> HotlinkII	<input type="checkbox"/> IP	<input type="checkbox"/> Isr	<input type="checkbox"/> Jtag	<input type="checkbox"/> LFI
<input type="checkbox"/> LVTTTL	<input type="checkbox"/> Logic Level	<input type="checkbox"/> Loop Back	<input type="checkbox"/> Macrocell	<input type="checkbox"/> Max340	<input type="checkbox"/> Model
<input type="checkbox"/> Non-Volatile	<input type="checkbox"/> OC-1	<input type="checkbox"/> OC-2	<input type="checkbox"/> OC-3	<input type="checkbox"/> Operating System	<input type="checkbox"/> PAL
<input type="checkbox"/> PECL	<input type="checkbox"/> PLD	<input type="checkbox"/> PLL	<input type="checkbox"/> Parallel Input	<input type="checkbox"/> Parallel Output	<input type="checkbox"/> Parity
<input type="checkbox"/> Phase Align Buffer	<input type="checkbox"/> PoF	<input type="checkbox"/> Point To Multi Point	<input type="checkbox"/> Point To Point	<input type="checkbox"/> Power Supply	<input type="checkbox"/> Programming
<input type="checkbox"/> Quad Channel	<input type="checkbox"/> Quantum38K	<input type="checkbox"/> Receiver	<input type="checkbox"/> Recovered Clock	<input type="checkbox"/> Redundant Outputs	<input type="checkbox"/> Reference Clock
<input type="checkbox"/> Report File	<input type="checkbox"/> Reprogrammable	<input type="checkbox"/> SMA	<input type="checkbox"/> SMPTE	<input type="checkbox"/> SMPTE-259M	<input type="checkbox"/> SMPTE-292M
<input type="checkbox"/> SONET	<input type="checkbox"/> SPICE	<input type="checkbox"/> SPLD	<input type="checkbox"/> STAPL	<input type="checkbox"/> SVF	<input type="checkbox"/> Serial Input
<input type="checkbox"/> Serial Output	<input type="checkbox"/> Serializer	<input type="checkbox"/> Simulator	<input type="checkbox"/> Size	<input type="checkbox"/> Special Character	<input type="checkbox"/> Specification
<input type="checkbox"/> TTL	<input type="checkbox"/> Temperature	<input type="checkbox"/> Third Party Tool	<input type="checkbox"/> Transceiver	<input type="checkbox"/> Transmitter	<input type="checkbox"/> USBIRPC Cable
<input type="checkbox"/> Ultra37K	<input type="checkbox"/> User Guide	<input type="checkbox"/> VHDL	<input type="checkbox"/> Verilog	<input type="checkbox"/> Voltage	<input type="checkbox"/> Warp
<input type="checkbox"/> Word Sync Sequence					

## PSoC 1 Tags

<input type="checkbox"/> ADC	<input type="checkbox"/> ADCINC	<input type="checkbox"/> Analog	<input type="checkbox"/> Analog Bus	<input type="checkbox"/> API	<input type="checkbox"/> Assembly Language
<input type="checkbox"/> Boot.asm	<input type="checkbox"/> Bootloader	<input type="checkbox"/> BSDL Files	<input type="checkbox"/> Build Errors	<input type="checkbox"/> Calibration	<input type="checkbox"/> Capsense
<input type="checkbox"/> Clock	<input type="checkbox"/> Clock Synchronization	<input type="checkbox"/> Cloning	<input type="checkbox"/> Column Clock	<input type="checkbox"/> Communication	<input type="checkbox"/> Comparator
<input type="checkbox"/> Compiler	<input type="checkbox"/> Counter	<input type="checkbox"/> CPU Speed	<input type="checkbox"/> Crystal	<input type="checkbox"/> CT Block	<input type="checkbox"/> DAC
<input type="checkbox"/> Debugging	<input type="checkbox"/> Decimator	<input type="checkbox"/> Delta Sigma ADC	<input type="checkbox"/> Development Kit	<input type="checkbox"/> Digital	<input type="checkbox"/> Dynamic Reconfiguration
<input type="checkbox"/> ECO	<input type="checkbox"/> EEPROM	<input type="checkbox"/> Errata	<input type="checkbox"/> Filter	<input type="checkbox"/> Flash	<input type="checkbox"/> Flash Security
<input type="checkbox"/> Global Resources	<input type="checkbox"/> GPIO	<input type="checkbox"/> Hex File	<input type="checkbox"/> I2C	<input type="checkbox"/> I2C-USB Bridge	<input type="checkbox"/> ICE Cube
<input type="checkbox"/> Installation	<input type="checkbox"/> Internet Explorer	<input type="checkbox"/> Interrupt	<input type="checkbox"/> ISR	<input type="checkbox"/> ISSP	<input type="checkbox"/> Large Memory Model
<input type="checkbox"/> LCD	<input type="checkbox"/> License	<input type="checkbox"/> MAC	<input type="checkbox"/> MiniProg1	<input type="checkbox"/> MiniProg3	<input type="checkbox"/> Mux
<input type="checkbox"/> Mux Bus	<input type="checkbox"/> OCD	<input type="checkbox"/> Offset	<input type="checkbox"/> Pod	<input type="checkbox"/> Port and Pins	<input type="checkbox"/> Power Management
<input type="checkbox"/> Production Programmer	<input type="checkbox"/> PWM	<input type="checkbox"/> RAM	<input type="checkbox"/> RTC	<input type="checkbox"/> SAR	<input type="checkbox"/> SC Block
<input type="checkbox"/> SMP	<input type="checkbox"/> SPI	<input type="checkbox"/> System Level Design	<input type="checkbox"/> Timer	<input type="checkbox"/> UART	<input type="checkbox"/> USB
<input type="checkbox"/> USBUART	<input type="checkbox"/> Watchdog	<input type="checkbox"/> Amplifier UM	<input type="checkbox"/> Analog Reference	<input type="checkbox"/> Analog UM	<input type="checkbox"/> Build Tools
<input type="checkbox"/> Communication UM	<input type="checkbox"/> CRC UM	<input type="checkbox"/> CYFI	<input type="checkbox"/> Device Programming	<input type="checkbox"/> Digital UM	<input type="checkbox"/> DTMF
<input type="checkbox"/> Fan Controller UM	<input type="checkbox"/> Firmware UM	<input type="checkbox"/> FMEA	<input type="checkbox"/> Port Expander	<input type="checkbox"/> PSoC Power System Architecture	<input type="checkbox"/> Voltage Sequencer UM

## PSoC 3/4/5 Tags

Component Tags					
<input type="checkbox"/> Analog Hardware Mux	<input type="checkbox"/> Analog Mux	<input type="checkbox"/> Boost Converter	<input type="checkbox"/> Bootloader / Bootloadable	<input type="checkbox"/> CAN	<input type="checkbox"/> CapSense_CSD
<input type="checkbox"/> Character LCD	<input type="checkbox"/> Clock	<input type="checkbox"/> Comparator	<input type="checkbox"/> Control / Status Register	<input type="checkbox"/> Counter	<input type="checkbox"/> CRC
<input type="checkbox"/> DAC	<input type="checkbox"/> Debouncer	<input type="checkbox"/> Delta Sigma ADC	<input type="checkbox"/> DFB	<input type="checkbox"/> DFB Assembler	<input type="checkbox"/> Die Temperature
<input type="checkbox"/> Digital Comparator	<input type="checkbox"/> Digital Multiplexer	<input type="checkbox"/> DMA	<input type="checkbox"/> EEPROM	<input type="checkbox"/> emFile SPI Mode	<input type="checkbox"/> EMIF
<input type="checkbox"/> EzI2C Slave	<input type="checkbox"/> Fan Controller	<input type="checkbox"/> Filter	<input type="checkbox"/> Frequency Divider	<input type="checkbox"/> Glitch Filter	<input type="checkbox"/> Global Signal Reference
<input type="checkbox"/> Graphic LCD	<input type="checkbox"/> I2C / I 2S	<input type="checkbox"/> iAP	<input type="checkbox"/> Interrupt	<input type="checkbox"/> LIN	<input type="checkbox"/> Logic Gates

<input type="checkbox"/> Lookup Table	<input type="checkbox"/> Manual Routing	<input type="checkbox"/> MDIO	<input type="checkbox"/> Mixer	<input type="checkbox"/> Opamp	<input type="checkbox"/> PGA
<input type="checkbox"/> Ports and Pins	<input type="checkbox"/> Power Monitor	<input type="checkbox"/> PRS	<input type="checkbox"/> PWM	<input type="checkbox"/> Quadrature Decoder	<input type="checkbox"/> Resistive Touch
<input type="checkbox"/> RTC	<input type="checkbox"/> RTD Calculator	<input type="checkbox"/> Sample / Track and Hold	<input type="checkbox"/> SAR ADC	<input type="checkbox"/> SAR Sequencer	<input type="checkbox"/> Segment LCD
<input type="checkbox"/> SGPIO	<input type="checkbox"/> Shift Register	<input type="checkbox"/> Sleep Timer	<input type="checkbox"/> SM / PMBus	<input type="checkbox"/> SPDIF	<input type="checkbox"/> SPI
<input type="checkbox"/> Sync	<input type="checkbox"/> Thermistor Calculator	<input type="checkbox"/> Thermocouple Calculator	<input type="checkbox"/> TIA	<input type="checkbox"/> Timer	<input type="checkbox"/> TMP05 Interface
<input type="checkbox"/> TrimMargin	<input type="checkbox"/> UART	<input type="checkbox"/> UDBCIkEn	<input type="checkbox"/> USBFS	<input type="checkbox"/> USBMIDI	<input type="checkbox"/> USBUART (CDC Interface)
<input type="checkbox"/> Voltage Fault Detector	<input type="checkbox"/> Voltage Sequencer	<input type="checkbox"/> Vref	<input type="checkbox"/> WaveDAC		
<b>General Tags</b>					
<input type="checkbox"/> Analog Bus	<input type="checkbox"/> Analog Global Bus	<input type="checkbox"/> Analog Mux Bus	<input type="checkbox"/> API	<input type="checkbox"/> Application Specific	<input type="checkbox"/> Assembly Language
<input type="checkbox"/> Bootloader Host	<input type="checkbox"/> Boundary Scan / BSDL	<input type="checkbox"/> Bridge Control Panel	<input type="checkbox"/> Build Settings	<input type="checkbox"/> Clock	<input type="checkbox"/> Compiler - GCC
<input type="checkbox"/> Compiler - KEIL	<input type="checkbox"/> Compiler - MDK	<input type="checkbox"/> Compiler - RVDS	<input type="checkbox"/> Cortex-M0	<input type="checkbox"/> Cortex-M3	<input type="checkbox"/> Creator Registration
<input type="checkbox"/> Custom Component Interconnect	<input type="checkbox"/> Datapath Configuration Tool	<input type="checkbox"/> Debugging	<input type="checkbox"/> DMA Wizard	<input type="checkbox"/> DVK	<input type="checkbox"/> ECO
<input type="checkbox"/> Errata	<input type="checkbox"/> Error Message	<input type="checkbox"/> Flash	<input type="checkbox"/> Hex File	<input type="checkbox"/> Installation	<input type="checkbox"/> ISSP / HSSP
<input type="checkbox"/> KEIL Registration	<input type="checkbox"/> Linux Platform	<input type="checkbox"/> Low Power Modes	<input type="checkbox"/> LVD / HVD	<input type="checkbox"/> MFi	<input type="checkbox"/> MiniProg3
<input type="checkbox"/> Optimization	<input type="checkbox"/> Programmer COM	<input type="checkbox"/> PSoC Creator	<input type="checkbox"/> PSoC Programmer	<input type="checkbox"/> Reset	<input type="checkbox"/> RTOS
<input type="checkbox"/> Schematic	<input type="checkbox"/> Silicon	<input type="checkbox"/> Software Download	<input type="checkbox"/> STA	<input type="checkbox"/> Supply Voltage	<input type="checkbox"/> System Reference Guide
<input type="checkbox"/> Verilog	<input type="checkbox"/> Watchdog	<input type="checkbox"/> Windows Platform			
<b>Kit Tags</b>					
<input type="checkbox"/> CAN / LIN EBK	<input type="checkbox"/> CapSense Expansion EBK	<input type="checkbox"/> CY8CKIT-001 Kit	<input type="checkbox"/> CY8CKIT-030 / 050 Kit	<input type="checkbox"/> CY8CKIT-042 Kit	<input type="checkbox"/> Digital Audio EBK
<input type="checkbox"/> First Touch Kit	<input type="checkbox"/> LCD Segment Drive EBK	<input type="checkbox"/> MFi EBK	<input type="checkbox"/> Power Supervisor EBK	<input type="checkbox"/> PSoC 3/4/5 Processor Module	<input type="checkbox"/> Thermal Management EBK

## Touch Sensing Tags

<input type="checkbox"/> ADC	<input type="checkbox"/> Air gap	<input type="checkbox"/> Backlighting	<input type="checkbox"/> Bleeder Resistor	<input type="checkbox"/> Bootloader	<input type="checkbox"/> CMOD
<input type="checkbox"/> CSA	<input type="checkbox"/> CSD	<input type="checkbox"/> CSD Parameters	<input type="checkbox"/> CSD2X	<input type="checkbox"/> CSDADC	<input type="checkbox"/> CSDAUTO
<input type="checkbox"/> CY3203A	<input type="checkbox"/> CY3213A	<input type="checkbox"/> CY3214	<input type="checkbox"/> CY3218	<input type="checkbox"/> CY3280-20x34	<input type="checkbox"/> CY3280-20xx6

<input type="checkbox"/> CY3280-21x34	<input type="checkbox"/> CY8C20x34	<input type="checkbox"/> CY8C20xx6	<input type="checkbox"/> CY8C21x34	<input type="checkbox"/> CY8C21xxx-CapSense Express	<input type="checkbox"/> CY8C24x94
<input type="checkbox"/> CY8CMBR2044	<input type="checkbox"/> CapSense Express	<input type="checkbox"/> Circuit Housing	<input type="checkbox"/> Conductive Objects	<input type="checkbox"/> Configuration	<input type="checkbox"/> Diplexing
<input type="checkbox"/> Dynamic Reconfiguration	<input type="checkbox"/> EEPROM	<input type="checkbox"/> EMI	<input type="checkbox"/> ESD	<input type="checkbox"/> Errors	<input type="checkbox"/> FR4
<input type="checkbox"/> Filters	<input type="checkbox"/> Finger Threshold	<input type="checkbox"/> Flex PCB	<input type="checkbox"/> I2C	<input type="checkbox"/> I2C-USB Bridge	<input type="checkbox"/> IDAC
<input type="checkbox"/> IMO and Prescaler	<input type="checkbox"/> ITO	<input type="checkbox"/> Layout Guidelines	<input type="checkbox"/> Metal	<input type="checkbox"/> Noise	<input type="checkbox"/> Overlay
<input type="checkbox"/> PSoC3 CapSense	<input type="checkbox"/> Parasitic Capacitance	<input type="checkbox"/> Pathfinder	<input type="checkbox"/> Power Consumption	<input type="checkbox"/> Proximity	<input type="checkbox"/> SNR
<input type="checkbox"/> SPI	<input type="checkbox"/> Scanning Techniques	<input type="checkbox"/> Schematic	<input type="checkbox"/> Sensors	<input type="checkbox"/> Shield	<input type="checkbox"/> Sliders
<input type="checkbox"/> SmartSense	<input type="checkbox"/> Tuning	<input type="checkbox"/> UART	<input type="checkbox"/> Water	<input type="checkbox"/> Water Proofing	<input type="checkbox"/>

## USB Controllers Tags

<input type="checkbox"/> 8051	<input type="checkbox"/> AN2131	<input type="checkbox"/> AT2LP	<input type="checkbox"/> ATA / ATAPI	<input type="checkbox"/> ATA Commands	<input type="checkbox"/> Asynchronous
<input type="checkbox"/> Auto Mode	<input type="checkbox"/> Bandwidth	<input type="checkbox"/> Blaster	<input type="checkbox"/> Bulk Transfer	<input type="checkbox"/> Bus Power	<input type="checkbox"/> C#
<input type="checkbox"/> C++	<input type="checkbox"/> CAT5	<input type="checkbox"/> CF Card	<input type="checkbox"/> CY3216	<input type="checkbox"/> CY3649	<input type="checkbox"/> CY3654
<input type="checkbox"/> CY3655	<input type="checkbox"/> CY3660	<input type="checkbox"/> CY3662	<input type="checkbox"/> CY3664	<input type="checkbox"/> CY3674	<input type="checkbox"/> CY3681
<input type="checkbox"/> CY3684	<input type="checkbox"/> CY3685	<input type="checkbox"/> CY3686	<input type="checkbox"/> CY4605	<input type="checkbox"/> CY4606	<input type="checkbox"/> CY4611B
<input type="checkbox"/> CY4615	<input type="checkbox"/> CYUSB	<input type="checkbox"/> Clock	<input type="checkbox"/> Compliance	<input type="checkbox"/> Control Center	<input type="checkbox"/> Control Transfer
<input type="checkbox"/> Crystal	<input type="checkbox"/> CyConsole	<input type="checkbox"/> DLL	<input type="checkbox"/> Debug	<input type="checkbox"/> Descriptors	<input type="checkbox"/> Driver
<input type="checkbox"/> EEPROM	<input type="checkbox"/> EZ-HOST	<input type="checkbox"/> EZ-OTG	<input type="checkbox"/> EZ-USB	<input type="checkbox"/> Emulation	<input type="checkbox"/> EnCoreII
<input type="checkbox"/> EnCoreIII	<input type="checkbox"/> EnCoreV	<input type="checkbox"/> Encore	<input type="checkbox"/> Endpoint	<input type="checkbox"/> Enumeration	<input type="checkbox"/> Errata
<input type="checkbox"/> FIFO	<input type="checkbox"/> FX	<input type="checkbox"/> FX1	<input type="checkbox"/> FX2	<input type="checkbox"/> FX2LP	<input type="checkbox"/> Firmware
<input type="checkbox"/> Firmware Debug	<input type="checkbox"/> Flags	<input type="checkbox"/> Framework	<input type="checkbox"/> Full Speed	<input type="checkbox"/> GPIF	<input type="checkbox"/> HDD
<input type="checkbox"/> HID	<input type="checkbox"/> HX2	<input type="checkbox"/> HX2LP	<input type="checkbox"/> Hi-Lo Programmer	<input type="checkbox"/> High Speed	<input type="checkbox"/> Host Application
<input type="checkbox"/> Hub	<input type="checkbox"/> I2C	<input type="checkbox"/> ICE	<input type="checkbox"/> IN Transfer	<input type="checkbox"/> Interrupt Transfer	<input type="checkbox"/> Interrupts
<input type="checkbox"/> Isochronous Transfer	<input type="checkbox"/> Keil	<input type="checkbox"/> Keyboard	<input type="checkbox"/> Layout	<input type="checkbox"/> Library	<input type="checkbox"/> Loader
<input type="checkbox"/> Low Speed	<input type="checkbox"/> M8A	<input type="checkbox"/> M8B	<input type="checkbox"/> Manual Mode	<input type="checkbox"/> Mass Storage	<input type="checkbox"/> Memory
<input type="checkbox"/> Mouse	<input type="checkbox"/> NX2LP	<input type="checkbox"/> NX2LP-Flex	<input type="checkbox"/> Nand Flash	<input type="checkbox"/> Nand Manufacturing Utility	<input type="checkbox"/> OTP



<input type="checkbox"/> OUT Transfer	<input type="checkbox"/> Port IO	<input type="checkbox"/> Register	<input type="checkbox"/> Renumeration	<input type="checkbox"/> Report	<input type="checkbox"/> Reset
<input type="checkbox"/> SFR	<input type="checkbox"/> SIE	<input type="checkbox"/> SL811HS	<input type="checkbox"/> SPI	<input type="checkbox"/> SX2	<input type="checkbox"/> Schematic
<input type="checkbox"/> Schematic Review	<input type="checkbox"/> Screamer	<input type="checkbox"/> Script	<input type="checkbox"/> Self Power	<input type="checkbox"/> Slave FIFO	<input type="checkbox"/> Streaming
<input type="checkbox"/> SuiteUSB	<input type="checkbox"/> Synchronous	<input type="checkbox"/> TX2	<input type="checkbox"/> TX2UL	<input type="checkbox"/> Tetra Hub	<input type="checkbox"/> Throughput
<input type="checkbox"/> Timer	<input type="checkbox"/> UART	<input type="checkbox"/> UDMA	<input type="checkbox"/> USBFS	<input type="checkbox"/> USBUART	<input type="checkbox"/> USBSerial
<input type="checkbox"/> Vendor Command	<input type="checkbox"/> Video Class	<input type="checkbox"/> WHQL	<input type="checkbox"/> WLK	<input type="checkbox"/> cyapi	<input type="checkbox"/> uVision
<b>SuperSpeed</b>					
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<input type="checkbox"/> FX3 GPIO	<input type="checkbox"/> FX3 Power Management	<input type="checkbox"/> FX3 Power supply	<input type="checkbox"/> FX3 SDK	<input type="checkbox"/> GPIF II	<input type="checkbox"/> HS-OTG
<input type="checkbox"/> JTAG	<input type="checkbox"/> LPP	<input type="checkbox"/> MSC	<input type="checkbox"/> Oscillator	<input type="checkbox"/> RTOS	<input type="checkbox"/> SD Card
<input type="checkbox"/> Slavefifo	<input type="checkbox"/> USB 3.0	<input type="checkbox"/> USB Compliance Test	<input type="checkbox"/> USB Host	<input type="checkbox"/> UVC	<input type="checkbox"/>
<input type="checkbox"/> FX3S	<input type="checkbox"/> eMMC	<input type="checkbox"/> SDIO	<input type="checkbox"/> S-Ports	<input type="checkbox"/> Bay	<input type="checkbox"/> Benicia
<input type="checkbox"/> HX3	<input type="checkbox"/> ASSP	<input type="checkbox"/> Battery charging	<input type="checkbox"/> Bootloader	<input type="checkbox"/> Cortex-M0	<input type="checkbox"/> EEPROM
<input type="checkbox"/> GPIOs	<input type="checkbox"/> HX3 Power Management	<input type="checkbox"/> HX3 Power supply	<input type="checkbox"/> I2C	<input type="checkbox"/> In-system programming	<input type="checkbox"/> Oscillator
<input type="checkbox"/> USB 3.0 hub	<input type="checkbox"/> USB Shared Link™	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Automotive MCU Tags

<input type="checkbox"/> Traveo	<input type="checkbox"/> S6J3110	<input type="checkbox"/> S6J3120	<input type="checkbox"/> S6J3200	<input type="checkbox"/> S6J3300	<input type="checkbox"/> S6J3310
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<input type="checkbox"/> S6J326C	<input type="checkbox"/> S6J324C	<input type="checkbox"/> S6J327C	<input type="checkbox"/> S6J328C	<input type="checkbox"/> S6J32DA	<input type="checkbox"/> S6J32BA
<input type="checkbox"/> S6J3360	<input type="checkbox"/> S6J3680	<input type="checkbox"/> S6J32G0			
<input type="checkbox"/> FR81S	<input type="checkbox"/> MB91520	<input type="checkbox"/> MB91550	<input type="checkbox"/> MB91580	<input type="checkbox"/> MB91570	<input type="checkbox"/> MB91590
<input type="checkbox"/> FCR4	<input type="checkbox"/> MB9DF120	<input type="checkbox"/> MB9EF220	<input type="checkbox"/> MB9D560	<input type="checkbox"/> F2MC-16FX	<input type="checkbox"/> MB96300
<input type="checkbox"/> MB96600	<input type="checkbox"/> MB96800	<input type="checkbox"/> CAN	<input type="checkbox"/> CAN FD	<input type="checkbox"/> LIN	<input type="checkbox"/> Flexray
<input type="checkbox"/> Ethernet	<input type="checkbox"/> AUTOSAR	<input type="checkbox"/> Serial	<input type="checkbox"/> Timer	<input type="checkbox"/> Watchdog	<input type="checkbox"/> A/D Converter
<input type="checkbox"/> SHE	<input type="checkbox"/> Security	<input type="checkbox"/> Current	<input type="checkbox"/> Interrupt	<input type="checkbox"/> Graphics	<input type="checkbox"/> Document
<input type="checkbox"/> CPU	<input type="checkbox"/> Clock	<input type="checkbox"/> Mode	<input type="checkbox"/> Reset	<input type="checkbox"/> Real Time Clock	<input type="checkbox"/> BootROM
<input type="checkbox"/> Flash Memory	<input type="checkbox"/> RAM	<input type="checkbox"/> Backup RAM	<input type="checkbox"/> MPU	<input type="checkbox"/> PPU	<input type="checkbox"/> DMA





<input type="checkbox"/> Multi-Function Serial	<input type="checkbox"/> UART	<input type="checkbox"/> CSIO	<input type="checkbox"/> I2C	<input type="checkbox"/> Base Timer	<input type="checkbox"/> QPRC
<input type="checkbox"/> CRC	<input type="checkbox"/> Port	<input type="checkbox"/> External Bus	<input type="checkbox"/> DDR HSSPI	<input type="checkbox"/> Hyper Bus	<input type="checkbox"/> Parity
<input type="checkbox"/> PSS	<input type="checkbox"/> Low Power	<input type="checkbox"/> SMC	<input type="checkbox"/> LCDC	<input type="checkbox"/> Media LB	<input type="checkbox"/> DAC
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<input type="checkbox"/> Wave Generator	<input type="checkbox"/> RDC	<input type="checkbox"/> MVM	<input type="checkbox"/> Flash Programmer	<input type="checkbox"/> Tool	<input type="checkbox"/>



**Knowledge Base Article Type:** [Select the category by clicking the checkbox associated]

KB Type-1	KB Type-2
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	<input type="checkbox"/> Imagecraft
	<input type="checkbox"/> Keil
	<input type="checkbox"/> HiTech
<input type="checkbox"/> Component Development	<input type="checkbox"/> Training/Things you should know
	<input type="checkbox"/> Component Architecture
	<input type="checkbox"/> Component/Project management
	<input type="checkbox"/> Datapath
	<input type="checkbox"/> Analog components
	<input type="checkbox"/> Digital components
	<input type="checkbox"/> Component software/tools
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<input type="checkbox"/> Development Kits	<input type="checkbox"/> FirstTouch Kit
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<input type="checkbox"/> Device Drivers	<input type="checkbox"/> Pullability
	<input type="checkbox"/> Mass Storage
<input type="checkbox"/> Device Programming	<input type="checkbox"/> PSoC Programmer
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<input type="checkbox"/> Firmware	
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	<input type="checkbox"/> Digital



## Document History

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Document Number: 002-21482

Rev.	ECN No.	Orig. of Change	Description of Change
**	5898229	IYM	New KBA