

Eval Board Name	EFM8BB1LCK
Revision	1.02

CreationDate	Proto Rev	Released
7/24/2019	4.00	0

End product must be RoHS compliant

NI	Quantity	Part Reference	Value	Rating	Voltage	Tolerance	Type	PCB Footprint	ManufacturerPN	Manufacturer
	1	C1	4.7uF		10V	±10%	X5R	C0603	C0603X5R100-475K	Venkel
	3	C2 C8 C11	0.1uF		10V	±10%	X7R	C0603	C0603X7R100-104K	Venkel
	3	C3 C9 C10	1uF		10V	±10%	X7R	C0603	C0603X7R100-105K	Venkel
	1	D1	SP0503BAHT	300mW	20V		TVS	SOT143-AKKK	SP0503BAHTG	Littlefuse
	1	DS1	YELLOW					LED0603-KA	LTST-C190KSKT	LITE-ON TECHNOLOGY CORP
	1	DS2	GREEN					LED0603-KA	LTST-C190KGKT	LITE-ON TECHNOLOGY CORP
	1	J14	USB-MICRO-B-RA				USB	MICRO-USB-B-RA-SMT	ZX62-B-5P	HIROSE
	2	R1 R6	750	1/10W		±1%	ThickFilm	R0402	CR0402-10W-7500FT	Venkel
	5	R2 R3 R4 R5 R8	1K	1/10W		±1%	ThickFilm	R0402	CR0402-10W-1001FT	Venkel
	2	S1 S2	MOMENTARY				Tactile	SW4N6.5X4.5-PB	EVQ-PAD04M	PANASONIC CORP
	1	U1	EFM8BB1_QSOP24				MCU	SOP24N6.0P0.635	EFM8BB10F8G-A-QSOP24	SiLabs
	1	U3	CF326S1343DGM				MCU	QFN28N5X5P0.5	CF326S1343DGM	SiLabs

Not Installed Components

NI	Quantity	Part Reference	Value	Rating	Voltage	Tolerance	Type	PCB Footprint	ManufacturerPN	Manufacturer
NI	2	C4 C6	10uF		10V	±10%	X5R	C0603	C0603X5R100-106K	Venkel
NI	2	C5 C7	0.1uF		10V	±10%	X7R	C0603	C0603X7R100-104K	Venkel
NI	2	JP1 JP2	HEADER 1x12				Header	CONN1X12	TSW-112-07-T-S	Samtec
NI	1	JP3	HEADER 2x10 RA				Header	CONN2X10-MRA	TSW-110-25-G-D-RA	Samtec
NI	1	R7	1M	1/16W		±1%	ThickFilm	R0603	CR0603-16W-1004F	Venkel
NI	1	R9	0	1A			ThickFilm	R0603	ERJ-3GEY0R00V	Panasonic
NI	5	TP1 TP4 TP5 TP8 TP9	BLUE				Loop	TESTPOINT	151-205-RC	Kobiconn
NI	4	TP2 TP3 TP6 TP7	WHITE				Loop	TESTPOINT	151-201-RC	Kobiconn
NI	1	U2	TLV1117-33CDCY		3.3V		LDO	SOT223	TLV1117-33CDCY	TI