



Bill of Materials for the InterfaceBoard Evaluation Board

Designator (Main Board)	Quantity	Description	Value	Tolerance	Footprint	Manufacturer
CN1	1	USB_BTTYPE_REC			USB-MICRO-B-CMS	Amphenol FCI
CN2	1	CAD_6_F			CAD-6-TYCO-F	TE Connectivity
CN3	1	HE10 2x13 M			HE10-26-SMALL-CI_REV2	SAMTEC
CN4	1	2x10 15110202601000			HEADER50-100-2x10	Harting
C1,C4	2	10uF			SMD_0603	-
C2,C3,C5,C6,C7,C9,C11, C12,C14,C15,C16	11	0.1uF			SMD_0603	-
C8,C10	2	27pF			SMD_0603	-
C13	1	1uF			SMD_0603	-
C17	1	4.7uF			SMD_0603	-
D1	1	SD05T1G			SOD323-case477-02	ONSEMI
D2,D3,D4	3	BAS116LT1G			SOT23-123	ONSEMI
D5	1	LW Y87S			LED0805-21	ONSEMI
D6	1	LW Y87S			LED0805-21	ONSEMI
JMP1	1	STRAP GND			JUMPER400_H	-
R1,R5	2	1k			SMD_0603	-
R2	1	100			SMD_0603	-
R3	1	100k			SMD_0603	-
R4	1	4.7k			SMD_0603	-
R6	1	47k			SMD_0603	-
R7,R8	2	680			SMD_0603	-
R9,R10,R11,R12	4	2.4K			SMD_1206	-
S1,S3,S4	3	Strap_PCB_2			STRAP_PCB	-
S2	1	Switch			BP6x6-1324	TE Connectivity
TP1	1	VBUS			TP_H2	-
TP2	1	VDD_3V3			TP_H2	-
TP3	1	IO0_1			TP_H2	-
TP4	1	IO1_1			TP_H2	-
TP5	1	IO2_1			TP_H2	-
TP6	1	IO3_1			TP_H2	-
TP7	1	IO2_2			TP_H2	-
TP8	1	IO1_2			TP_H2	-
TP9	1	IO0_2			TP_H2	-
TP10	1	IO3_2			TP_H2	-
TP11	1	SDA1			TP_H2	-
TP12	1	SDA2			TP_H2	-
TP13	1	SCL1			TP_H2	-
TP14	1	SCL2			TP_H2	-
TP15	1	VCC_I2C1			TP_H2	-
TP16	1	VCC_I2C2			TP_H2	-
U1	1	NCP5501DT33RKG			DPAK3-case369c	ONSEMI
U2	1	PIC24FJ64GB110			TQFP12x12-100-PT	Microchip
U3	1	EMI8041BMUTAG			UDFN6-case517DG	ONSEMI
Y1	1	8MHz			QUARTZ_HC494HSMX	TXC Corporation