

Bill Of Materials for EVAL-MICT5818Z rev A

ITEM#	Qty	DESCRIPTION	LOCATION	MFG	MFG_PN
1	1	PCB	?	Analog Devices Supplied	08_059833a
2	15	CAP CER CHIP X5R	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15	AVX CORPORATION	04022D104KAT2A
3	1	LED, FULL COLOR RED 632NM, GREEN 520NM, BLUE 468NM	D1	WURTH ELEKTRONIK	156125M173000
4	12	LED UNI-COLOR GREEN 530NM, REVERSE MOUNT	DS2, DS3, DS4, DS5, DS6, DS7, DS8, DS9, DS10, DS11, DS12, DS13	DIALIGHT	597-6301-607F
5	1	CONN-PCB HIGH SPEED FFC AND FPC RCPT ST 0.50MM PITCH	P1	JAE	FI-RE41S-VF-R1300
6	20	RES THICK FILM CHIP, AUTOMOTIVE GRADE	R1, R2, R3, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32	PANASONIC	ERJ-2GEJ220X
7	9	RES PRECISION THICK FILM CHIP	R4, R5, R6, R8, R10, R12, R13, R14, R15	PANASONIC	ERJ-2RKF1002X
9	1	SWITCH ULTRA SMALL TACTILE	S1	OMRON	B3U-1000P
10	13	IC BOTTOM PORT PDM DIGITAL OUT MULTI-MODE MICROPHONE, PRELIM	U1, U2, U3, U4, U5, U6, U7, U8, U9, U10, U11, U12, U13	TDK	T5818
11	1	IC 24-CH, 12-BIT PWM LED DRIVER WITH INTERNAL OSC	U14	TEXAS INSTRUMENTS	TLC5947RHBR
12	1	IC-OTHER 8BIT I2C BUS AND SMBUS I/O PORT WITH INTERRUPT	U15	NXP SEMICONDUCTORS	PCA9554PW

The following components are part of the PCB or are NOT to be installed

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8	3	DO NOT INSTALL (TBD_R0402), PLEASE USE SYM_3 AND/OR SYM_4	R7, R9, R11	TBD0402	TBD0402