

Manufacturer BOM Report

Item Number: KIT-TPLSNIFEVB
Description: KIT-TPLSNIFEVB
Item Revision: A CO0167630
Sites: ALL

Level	Subclass	Number	Rev	Description	Qty	Lifecycle Phase / Item Lifecycle Phase	BOM Notes	Ref Des
Mfr. Part Number		Lifecycle Phase	Preferred Status	Mfr Name ~ Location / Mfr. Name	Mfr Part Status / Mfr. Part Lifecycle Phase			
0	MarketingPN	KIT-TPLSNIFEVB	ROHS Active	Preferred	Trivo (Taicang) Technologies Co., Ltd	ROHS Active		
1	Part	925-47802	X1	ECO131938	PACKING LIST, KIT-TPLSNIFEVB	1	Development	
1	Part	975-47802	X3	ECO129654	HW PACKOUT, KIT-TPLSNIFEVB	1	Development	
2	HW/SW Document	PKG-47802	A	ECO129654	PACKAGING INSTRUCTIONS, KIT-TPLSNIFEVB	1	Production	
2	Part	570-75123	E	ROR-10919	BOX, 8.75" X 5.75" X 2.5", FLIP TOP/LOCK TOP, W/FSL LOG O	1	Production	
	570-75123	Active	Alternate	International Paper	Active			
	570-75123	ROHS Active	Preferred	Landsberg Orora	ROHS Active			
	570-75123	ROHS Active	Preferred	YUAN SHUENN PACKAGING	ROHS Active			
	M-219-31-857006	ROHS Active	Preferred	YUAN SHUENN PACKAGING	ROHS Active			
2	Part	805-77462	K	ECO129265	LABEL, PQ, Packing Quantity Box Label	1	Production	
	L-TT-30401P	ROHS Active	Preferred	International Paper	ROHS Active			
2	Part	805-75208	A	MCO57540	LABEL, CE MARK	0	Production	
	805-75208	ROHS Active	Alternate	CHUNG TAI PRINTING (CHINA) CO. LTD.	ROHS Active			
	805-75208	ROHS Active	Preferred	HIBBERT GROUP	ROHS Active			
	MOT-CE	Active	Alternate	MARKING SYSTEMS INC	Active			
	S-13827	Active	Preferred	ULINE SHIPPING SUPPLY	Active			
2	Part	900-47802	X1	ECO128272	PWA ASSY, KIT-TPLSNIFEVB;	1	Development	
3	Part	700-47802	X2	MCO59824	PWA, KIT-TPLSNIFEVB	1	Development	
	700-47802	ROHS Active	Preferred	Trivo (Taicang) Technologies Co., Ltd	ROHS Active			
4	Part	170-47802	A	ECO128108	PWB, KIT-TPLSNIFEVB	1	Development	
	170-47802_A	ROHS Active	Preferred	Shenzhen Haobang Electronics Co., Ltd	ROHS Active			
5	HW/SW Document	LAY-47802	A	ECO128108	LAYOUT SOURCE, 170-47802	1	Development	
5	HW/SW Document	GRB-47802	A	ECO128108	GERBER, 170-47802	1	Development	
5	HW/SW Document	FAB-47802	A	ECO128108	FABRICATION DOCUMENT, 170-47802	1	Development	
5	HW/SW Document	UNI-47802	A	ECO128108	UNICAM FILE, 170-47802	1	Development	
5	HW/SW Document	CEN-47802	A	ECO128108	CENTROID FILE, 170-47802	1	Development	
5	HW/SW Document	LCD-47802	X1	ECO126022	LAYOUT CONSIDERATIONS DOCUMENT, 170-47802	1	Development	
5	HW/SW Document	NET-47802	A	ECO128108	NET LIST, 700-47802	1	Development	
4	Part	805-75115	A	MCO35191	LABEL, 1"X.25", ASSEMBLY / REVISION	1	Production	
4	Part	805-75918	A	MCO35295	LABEL, 1"X.25", SCHEMATIC / REVISION	1	Production	
4	Part	805-75116	A1	MCO35042	LABEL, .75"X.25", SERIAL NUMBER	1	Production	
4	Part	750-47802	A	ECO127542	SUB ASSEMBLY, SCHEMATIC PARTS, 700-47802, KIT-TPLSNIFEVB	1	Production	
5	CADPart	150-75207	A	MCO34888	CAP CER 4700PF 16V 10% X7R 0805	1	Production	C10
	0805YC472KAT2A	ROHS Active	Alternate	AVX	ROHS Active			
	C0805C472K4RAC	ROHS Active	Preferred	KEMET	ROHS Active			
	CL21B472KOANNNC	Active	Alternate	SAMSUNG	Active			
5	CADPart	150-78700	A	MCO54747	CAP CER 0.1uF 100V 10% X7R AEC-Q200 0805	4	Production	C2,C6,C9,C16
	08051C104K4T2A	Active	Alternate	AVX	Active			
	GCM21BR72A104KA37L	ROHS Active	Preferred	MURATA	ROHS Active			

	CGA4J2X7R2A104K125AA	Active	Alternate	TDK	Active			
..... 5	CADPart	150-78839	A	MCO34854	CAP ALEL 47uF 16V 20% -- SMT	1	Production	C17
	EMZJ160ADA470ME61G	ROHS Active	Preferred	NIPPON CHEMI-CON CORPORATION	ROHS Active			
..... 5	CADPart	150-79006	A	MCO47135	CAP CER 1uF 16V 10% X7R AEC-Q200 0805	2	Production	C13,C18
	C0805C105K4RACAU0	Active	Alternate	KEMET	Active			
	GCM21BR71C105KA58X	Active	Alternate	MURATA	Active			
	CGA4J2X7R1C105K125AA	Active	Preferred	TDK	Active			
..... 5	CADPart	150-79252	A	MCO55124	CAP CER 1000pF 50V 5% COG AEC-Q200 0805	2	Production	C1,C4
	AC0805JRNPO9BN102	Active	Preferred	Yageo	Active			
..... 5	CADPart	150-79307	A	MCO55128	CAP CER 100pF 100V 5% COG 0603	1	Production	C14
	0603N101J101CT	Active	Preferred	WALSIN TECHNOLOGY CORP.	Active			
..... 5	CADPart	150-80056	A	MCO54389	CAP CER 68pF 50V 5% COG AEC-Q200 0603	2	Production	C11,C12
	CGA3E2COG1H680J080AA	Active	Preferred	TDK	Active			
..... 5	CADPart	150-80279	A	ECO082817	CAP CER 2.2uF 35V 10% X7R 0805	3	Production	C3,C7,C8
	C2012X7R1V225K085AC	Active	Preferred	TDK	Active			
..... 5	CADPart	150-80282	A	MCO61714	CAP CER 4.7uF 25V 10% X7R 0805	1	Production	C5
	C2012X7R1E475K125AB	Active	Preferred	TDK	Active			
..... 5	CADPart	150-80285	A	ECO083078	CAP CER 10UF 10V 10% X7R 0805	1	Production	C15
	C0805C106K8RACTU	Active	Preferred	KEMET	Active			
..... 5	CADPart	180-78156	A	MCO34856	IND FER BEAD 330OHM@100MHZ 1.7A 0603	2	Production	L1,L2
	MPZ1608S331A	Active	Preferred	TDK	Active			
..... 5	CADPart	210-80117	A	MCO60245	CON 1 BANANA DIN41649 BLACK SKT RA TH -- 228H SN 217L	1	Production	J5
	930224100	Active	Preferred	HIRSCHMANN	Active			
..... 5	CADPart	210-82493	A	ECO120146	CON 2X4 PLUG RA SHRD TH 100MIL CTR 374H AU 120L	1	Production	J3
	75867-132LF	Active	Preferred	AMPHENOL	Active			
..... 5	CADPart	211-75284	A	MCO57945	CON 2X1 SKT RA SMT 3.0MM 219H AU	2	Production	J1,J2
	43650-0213	Active	Preferred	MOLEX	Active			
..... 5	CADPart	211-77862	A	MCO34890	TEST POINT PAD 59MIL DIA SMT, NO PART TO ORDER	4	Production	TP1-TP4
..... 5	CADPart	211-80405	A	MCO50720	CON 5 USB MICRO_B RA SKT SMT 0.65MM SP 117H AU	1	Production	J4
	629105150521	Active	Preferred	WURTH ELEKTRONIK EISOS GMBH & CO. KG (ELECTRONIC & ELECTROMECHANICAL COMP)	Active			
..... 5	CADPart	312-77607	A	MCO34822	IC BUF OCTAL DRV TS 1.65-3.6V TSSOP20	1	Production	U1
	SN74LVCS41APWR	ROHS Active	Preferred	TEXAS INSTRUMENTS	ROHS Active			
..... 5	CADPart	312-81005	A	MCO55280	IC XCVR INTERFACE MCU NETWORK 3.3V/5V SO16	1	Production	U3
	MC33664ATL1EG	Active	Preferred	FREESCALE SEMICONDUCTOR	Active			
..... 5	CADPart	312-82307	A	ECO110864	IC VREG LDO 3.3V 0.3A 13V SOIC8	1	Production	U2
	MC33275D-3.3G	Active	Preferred	ON SEMICONDUCTOR	Active			
..... 5	CADPart	315-81544	A	MCO59839	IC TIMER 15V VSSOP8	1	Production	U5
	LMC555CMM/NOPB	Active	Preferred	TEXAS INSTRUMENTS	Active			
..... 5	CADPart	315-82158	A	MCO55259	IC VREG DCDC CHARGE PUMP SWT 5V 0.3A 2.7-5.5V SO8	1	Production	U4
	MAX682ESA+	Active	Preferred	MAXIM	Active			
..... 5	CADPart	370-76483	A	MCO34890	LED GRN SGL RA 25MA TH	1	Production	D2
	L-7104EW/1GD-SH	ROHS Active	Preferred	KINGBRIGHT	ROHS Active			
..... 5	CADPart	470-75442	A1	MCO54196	RES MF ZERO OHM 1/8W -- 0805	2	Production	R14,R15
	CR0805-J/-000ELF	Active	Alternate	BOURNS	Active			
	ERJ6GEYOR00V	ROHS Active	Alternate	PANASONIC	ROHS Active			
	RC73JP2DTF	ROHS Active	Alternate	SMEC	ROHS Active			
	CR-05JL7----OR	ROHS Active	Alternate	TMTEC	ROHS Active			

	CR0805-8W-000T	ROHS Active	Alternate	VENKEL COMPANY	ROHS Active			
	RC0805JR-070RL	ROHS Active	Preferred	YAGEO AMERICA	ROHS Active			
..... 5	CADPart	470-75462	A1	MCO34837	RES MF 100K 1/8W 1% 0805	1	Production	R6
	CR0805-FX-1003ELF	ROHS Active	Alternate	BOURNS	ROHS Active			
	RK73H2ATTD1003F	ROHS Active	Alternate	KOA SPEER	ROHS Active			
	ERJ6ENF1003V	ROHS Active	Alternate	PANASONIC	ROHS Active			
	RC73A2D1003FTF	ROHS Active	Alternate	SMEC	ROHS Active			
	CR0805-8W-1003FSNT	ROHS Active	Preferred	VENKEL COMPANY	ROHS Active			
	CR08058W1003FT	ROHS Active	Alternate	VENKEL COMPANY	ROHS Active			
	CRCW0805100KFKEA	ROHS Active	Alternate	VISHAY INTERTECHNOLOGY	ROHS Active			
	RC0805FR-07100KL	ROHS Active	Alternate	YAGEO AMERICA	ROHS Active			
..... 5	CADPart	470-76238	A	MCO34895	RES TF 75.0 OHM 1/8W 1% 0805	2	Production	R7,R8
	RC0805FR-0775RL		Preferred	YAGEO AMERICA				
..... 5	CADPart	470-77400	A	MCO38568	RES MF 560 OHM 1/8W 1% 0805	1	Production	R10
	CR0805-FX-5600ELF	Active	Alternate	BOURNS	Active			
	WR08X5600FTL	ROHS Active	Alternate	WALSIN TECHNOLOGY CORP.	ROHS Active			
	RC0805FR-07560RL	Active	Preferred	YAGEO AMERICA	Active			
..... 5	CADPart	470-78773	A	MCO34897	RES MF 33.0K 1/8W 1% 0805	1	Production	R12
	WR08X3302FTL	Active	Alternate	WALSIN TECHNOLOGY CORP.	Active			
	RC0805FR-0733KL	Active	Preferred	YAGEO AMERICA	Active			
..... 5	CADPart	470-80739	A	MCO34883	RES MF 2.2K 1/8W 1% 0805	1	Production	R5
	ERJ-6ENF2201V	Active	Preferred	PANASONIC	Active			
..... 5	CADPart	470-80989	A	MCO44897	RES MF 100 OHM 1/2W 1% AEC-Q200 0805	4	Production	R1-R4
	ERJ-P06F1000V	Active	Preferred	PANASONIC	Active			
	CRCW0805100RFKEAHP	Active	Alternate	VISHAY INTERTECHNOLOGY	Active			
..... 5	CADPart	470-82049	A	ECO75968	RES MF 33 OHM 1/2W 1% AEC-Q200 0805	1	Production	R9
	ERJP06F33R0V	Active	Preferred	PANASONIC	Active			
..... 5	CADPart	470-82290	A	ECO095051	SOLDER BLOB JUMPER 0603 OPEN NO PART TO ORDER	2	Production	JP1,JP2
..... 5	CADPart	470-82498	A	ECO113404	RES MF 110K OHM 1/8W 0.1% AEC-Q200 0805	1	Production	R11
	ERA-6AEB114V	Active	Preferred	PANASONIC	Active			
..... 5	CADPart	480-75918	A	MCO54189	TRAN PNP GEN -45VCE 500MA	1	Production	Q1
	BC807-40	ROHS Active	Preferred	PHILIPS SEMICONDUCTOR	ROHS Active			
..... 5	CADPart	480-80130	A	ECO108704	DIODE ESD BIDIR 5V AEC-Q101 SOD523	2	Production	CR1,CR2
	PESD5V0U1BB	Active	Preferred	Nexperia	Active			
..... 5	CADPart	480-80168	A	ECO111210	DIODE TVS ARRAY UNIDIR ESD 4CH 22pF 5.6V SOT353	1	Production	CR3
	BZA856AVL,115	Active	Preferred	Nexperia	Active			
..... 5	CADPart	560-75718	A	MCO55429	XFMR 170-350uH@100KHz 1000VDC AEC-Q200 SMD	1	Production	T1
	HM2103NLT	Active	Preferred	PULSE ELECTRONICS	Active			
..... 5	CADPart	150-79310	A	MCO34743	0805 Place holder -Layout element only - NO PART TO ORDER	0	Production	DNP R13
..... 5	CADPart	480-76499	A	MCO34849	DIODE ZNR 225MW 2.4V SOT23	0	Production	DNP D1
	BZX84C2V4LT1G	ROHS Active	Preferred	ON SEMICONDUCTOR	ROHS Active			
..... 4	HW/SW Document	ADG-47802	X2	ECO129256	ASSEMBLY DOCUMENTS GROUP, 700-47802, KIT- TPLSNIFEVB	1	Development	
..... 5	HW/SW Document	DVT-47802	X	ECO125579	DESIGN VERIFICATION TEST CHECKLIST, 170-47802	1	Development	
..... 5	HW/SW Document	ASY-47802	X2	ECO129256	ASSEMBLY DRAWING, 700-47802	1	Development	
..... 5	HW/SW Document	ERR-47802	X	ECO125579	ERRATA DOCUMENTS, KIT-TPLSNIFEVB	1	Development	
..... 5	HW/SW Document	FSW-47802	A	ECO129511	FAT TEST SOFTWARE AND PROCEDURE, 700-47802	1	Development	

..... 5	HW/SW Document	ICT-47802	A	ECO128108	ICT TEST AND SUPPORTING ICT DOCUMENTS, 700-47802	1	Development
..... 5	HW/SW Document	SPF-47802	A	ECO127542	SCHEMATIC PDF, 700-47802	1	Production
..... 5	HW/SW Document	DFX-47802	A	ECO128108	VALOR RESULTS DOCUMENTS, 170-47802	1	Development
..... 5	HW/SW Document	SCH-47802	A	ECO127542	SCHEMATIC SOURCE, INCLUDING PARTS ARCHIVE, 700-47802	1	Production
..... 5	HW/SW Document	THM-47802	A	ECO127542	THERMAL ANALYSIS, 700-47802	1	Production
..... 5	HW/SW Document	MEC-47802	X	ECO125579	MECHANICAL MODELING, 700-47802	1	Development
..... 5	HW/SW Document	SIM-47802	A	ECO127542	SIMULATION REPORT FILE, 700-47802	1	Production
..... 5	HW/SW Document	DNP-47802	A	ECO127542	DO NOT POPULATE LIST, 700-47802	1	Production
... 3	Part	800-47802	A	MCO59873	ENCLOSURE KIT, 900-47802, KIT-TPLSNIFEVB	1	Production
	800-47802	ROHS Active	Preferred	KmicRo Industrial Service(Kunshan)Co.,Ltd	ROHS Active		
.... 4	Part	800-76048	A	ECO128200	TOP_COVER, 800-47802, ABS	1	Production
	800-76048	ROHS Active	Preferred	KmicRo Industrial Service(Kunshan)Co.,Ltd	ROHS Active		
.... 4	Part	800-76049	A	ECO128200	BOTTOM_COVER, 800-47802, ABS	1	Production
	800-76049	ROHS Active	Preferred	KmicRo Industrial Service(Kunshan)Co.,Ltd	ROHS Active		
.... 4	Part	800-76050	A	ECO128200	SIDE_COVER1, 800-47802, ABS	1	Production
	800-76050	ROHS Active	Preferred	KmicRo Industrial Service(Kunshan)Co.,Ltd	ROHS Active		
.... 4	Part	800-76051	A	ECO128200	SIDE_COVER2, 800-47802, ABS	1	Production
	800-76051	ROHS Active	Preferred	KmicRo Industrial Service(Kunshan)Co.,Ltd	ROHS Active		
.... 4	Part	280-77644	A	ECO128200	FASTENER, SCREW TYPE128 ST2.2X6.5 H F-S SS	4	Production
	280-77644	ROHS Active	Preferred	KmicRo Industrial Service(Kunshan)Co.,Ltd	ROHS Active		
.. 2	Part	600-77437	B	ROR-12191	CABLE, CUSTOM, TPL CABLE, RD33771CDSTEB	1	Production
	NXP600-77437	ROHS Active	Preferred	SHINAWIN TECHNOLOGY CO. LTD.	ROHS Active		
. 1	HW/SW Document	PDG-47802	X	ECO125579	PRODUCT DOCUMENTS GROUP, KIT-TPLSNIFEVB	1	Development
.. 2	HW/SW Document	TRD-47802	A	ECO127542	TECHNICAL REQUIREMENT DOCUMENT, KIT-TPLSNIFEVB	1	Production
.. 2	HW/SW Document	SOW-47802	X1	ECO127127	STATEMENT OF WORK, KIT-TPLSNIFEVB	1	Development
.. 2	HW/SW Document	SRS-47802	X	ECO125579	SYSTEM REQUIREMENTS/BOM, KIT-TPLSNIFEVB	1	Development

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