Filename: EVM430-FR6047\_2\_0\_BOM.xlsx

Variant: Full Function

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## TIDM-1019 (EVM430-FR6047) BILL OF MATERIALS (BOM)

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
!PCB	1	74.40	Printed Circuit Board	- actuagottorororo	EVM430-FR6047	Any	-	-
BUT_DOW	5		Switch, Tactile, SPST-NO, 0.05A, 12V, SMT	Switch, 4.4x2x2.9 mm	TL1015AF160QG	E-Switch		
Ν,								
BUT_LEFT,								
BUT_RIGH								
T, BUT_SELE								
CT,								
BUT_UP								
C1, C2, C5,	22	0.1uF	CAP, CERM, 0.1 μF, 16 V, +/- 10%, X7R, 0402	0402	GRM155R71C104KA88	MuRata		
C6, C13,					D			
C20, C28,								
C102,								
C104,								
C108,								
C113,								
C118, C119,								
C119, C121,								
C202,								
C203,								
C204,								
C400,								
C402,								
C408,								
C409, C411		4000-F	CAR OFRIA 4000 -F 50 V -/ 50/ COC/NIRO 0400	0.400	ODM/FFFO/HAOOHAOA	M.Dt-		
C3, C4, C14, C111,	5	1000pF	CAP, CERM, 1000 pF, 50 V, +/- 5%, C0G/NP0, 0402	0402	GRM1555C1H102JA01	MuRata		
C210					Ь			
C7, C8,	4	12pF	CAP, CERM, 12 pF, 50 V, +/- 5%, C0G/NP0, 0402	0402	GRM1555C1H120JA01	MuRata		
C17, C18					D			
C9	1	4.7uF	CAP, CERM, 4.7 μF, 16 V, +/- 10%, X7R, 0805	0805	GRM21BR71C475KA73	MuRata		
C10, C19,	4	10uF	CAP, CERM, 10 µF, 10 V, +/- 20%, X5R, 0603	0603	GRM188R61A106ME69	MuRata		
C410, C413	4	Tour	CAI , OLININ, 10 μΙ , 10 V, 4/- 20 /0, ΛΟΙΝ, 0003	0003	D	Multala		
C11, C12	2	1000pF	CAP, CERM, 1000 pF, 50 V, +/- 1%, C0G/NP0, 0603	0603	GRM1885C1H102FA01J	MuRata		
C21, C23,	3	47uF	CAP, CERM, 47 μF, 6.3 V, +/- 20%, X5R, 0805	0805	GRM21BR60J476ME15	MuRata		
C24		4.5	04B 05BM 4 5 40 V / 400V V7B 0000	0000	CDM400D74A40516A04			
C22, C25, C26, C27	4	1uF	CAP, CERM, 1 μF, 10 V, +/- 10%, X7R, 0603	0603	GRM188R71A105KA61	MuRata		
C100,	6	22pF	CAP, CERM, 22 pF, 50 V, +/- 5%, C0G/NP0, 0402	0402	GRM1555C1H220JA01	MuRata		
C101,	Ü	2291	074 , 02144, 22 pr , 00 v, 17 070, 00074 0, 0102	0.102	D	Martala		
C200,								
C201,								
C403, C404		<u> </u>						
C103,	6	4.7uF	CAP, CERM, 4.7 µF, 10 V, +/- 20%, X5R, 0603	0603	GRM188R61A475MAAJ	MuRata		
C112,								
C116, C117,								
C117,								
C105,	4	0.22uF	CAP, CERM, 0.22 μF, 16 V, +/- 10%, X7R, 0402	0402	GRM155R71C224KA12	MuRata		
C106,	•		, , , , , , , , , , , , , , , , , , , ,		D			
C206, C207								
C107, C208		0.47uF	CAP, CERM, 0.47 µF, 16 V, +/- 10%, X5R, 0402	0402	GRM155R61C474KE01			
C109,	4	33pF	CAP, CERM, 33 pF, 50 V, +/-5%, C0G/NP0, 0402	0402		MuRata		
C110,					D			
C114, C115		<u> </u>	<u> </u>		<u> </u>	Į	1	

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
C401,	4	10pF	CAP, CERM, 10 pF, 50 V, +/- 5%, C0G/NP0, 0402	0402	GRM1555C1H100JA01	MuRata		
C405,		'			D			
C406, C407								
C412	1	0.01uF	CAP, CERM, 0.01 µF, 16 V, +/- 10%, X7R, 0402	0402	GRM155R71C103KA01	MuRata		
					D			
D100,	3	Red	LED, Red, SMD	Red LED,	LTST-C190CKT	Lite-On		
D203, LED3				1.6x0.8x0.8mm				
D101,	5	Green	LED, Green, SMD	LED_0603	LTST-C191TGKT	Lite-On		
D201,								
D202,								
LED1, LED2								
D400 D400		401/	Diada Calantin 40V 0.04 COT 00	COT 00	DAC40 05 7 5	Diadas Isa		
D102, D103	<u>2</u> 4	40V	Diode, Schottky, 40V, 0.2A, SOT-23  Bumpon, Cylindrical, 0.312 X 0.200, Black	SOT-23 Black Bumpon	BAS40-05-7-F SJ61A1	Diodes Inc. 3M		
H1, H2, H3, H4	4		Bumpon, Cylindrical, 0.312 X 0.200, Black	ыаск витроп	SJOTAT	SIVI		
J1	1		Header, 100mil, 3x1, Gold, TH	3x1 Header	TSW-103-07-G-S	Samtec		
J2, J8	2		Header, 100mil, 4x2, Gold, TH	4x2 Header	TSW-103-07-G-D	Samtec		
J3, J30	2		Header, 100mil, 4x2, Gold, TH	2x2 Header	TSW-102-07-G-D	Samtec		
J4, J7	2		Header, 100mil, 2x1, Gold, TH		HMTSW-102-07-G-S-	Samtec		
01,01	-		Trouble of the state of the sta	TH	240			
J5	1		Header, 100mil, 5x2, Gold, TH	5x2 Header	TSW-105-07-G-D	Samtec		
J5, J6	2		Header, 100mil, 10x2, Gold, TH	10x2 Header	TSW-110-07-G-D	Samtec		
J31, J32,	3		Header, 100mil, 2x1, Gold, TH	2x1 Header	TSW-102-07-G-S	Samtec		
J33								
J34	1		Header (shrouded), 100 mil, 7x2, Gold, TH	7x2 Shrouded Header	SBH11-PBPC-D07-ST-	Sullins Connector Solutions		
					BK			
L1, L2	2	600 ohm	Ferrite Bead, 600 ohm @ 100 MHz, 2 A, 0805	0805	MPZ2012S601A	TDK		
L101	1	2.2uH	Inductor, Shielded, Composite, 2.2uH, 0.95A, 0.16 ohm,	0805	CIG21L2R2MNE	Samsung		
			SMD					
LCD	11		108 Segment LCD Display, TH	56x25.1mm	FH-1138P	Adkom Elektronik		
MCU_RESE	3		SWITCH TACTILE SPST-NO 0.05A 12V	3x1.6x2.5mm	B3U-1000P	Omron Electronic Component	S	
T, S201,								
S202			0 '' 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40.0.4.0	00.40040.1/0.4.04	001/ 0		
POW_SEL	1		Switch, Slide, SP3T, On-On-On, 3 Pos, 0.3A, 30 VDC, TH	12.6x4.3mm	SS-13D16-VG 4 PA	C&K Components		
Q100, Q200	2		Resonator, 4MHz, 39pF SMD	4.5x1.2x2 mm	CSTCR4M00G15L99-R0	MuRata		
Q 100, Q200	2		Resolution, 4MInz, 39PF SIMD	4.331.232 111111	CSTCR4W00GT5L99-R0	Murata		
Q101	1	-50V	MOSFET, P-CH, -50V, -0.13A, SOT-323	SOT-323	BSS84W-7-F	Diodes Inc.		None
Q102	1	0.7V	Transistor, NPN, 45V, 0.1A, SOT-23	SOT-23	BC850CLT1G	ON Semiconductor		TYONG
Q400	1	0.7 V	Resonator, 6MHz, 15pF SMD	4.5x1.2x2 mm	CSTCR6M00G53Z-R0	MuRata		
R1, R2, R3,	10	100	RES, 100, 5%, 0.063 W, 0402	0402	CRCW0402100RJNED	Vishay-Dale		
R4, R6, R7,								
R8, R39,								
R40, R211								
R5	1	33	RES, 33 ohm, 5%, 0.063W, 0402	0402	CRCW040233R0JNED	Vishay-Dale		
R9, R10	2	100k	RES, 100 k, 5%, 0.063 W, 0402	0402	CRCW0402100KJNED	Vishay-Dale		
R11	11	200k	Trimmer, 200 K, 0.25 W, SMD	3.5x5.3x4.8mm	3224W-1-204E	Bourns		
R12, R13,	3	330k	RES, 330 k, 5%, 0.063 W, 0402	0402	CRCW0402330KJNED	Vishay-Dale		
R14		22	DEO 00 50/ 0 000 W 0403	0.400	000000000000000000000000000000000000000	1		
R15, R100,	5	22	RES, 22, 5%, 0.063 W, 0402	0402	CRCW040222R0JNED	Vishay-Dale		
R101,								
R201, R203 R16, R17	2	200	RES, 200, 1%, 0.063 W, 0402	0402	CRCW0402200RFKED	Vishay Dala		
R18, R106,	6	200 47k	RES, 47 k, 5%, 0.063 W, 0402	0402	CRCW0402200RFKED	Vishay-Dale Vishay-Dale		
R121,	O	41 K	INLO, 47 K, 5%, 0.003 W, 0402	0402	CNGWU4UZ47 NUJNED	visitay-Dale		
R121, R123,								
R209, R404								
R19	1	0	RES, 0, 5%, 0.125 W, 0805	0805	CRCW08050000Z0EA	Vishay-Dale		
R23, R24		390	RES, 390, 5%, 0.063 W, 0402	0402	CRCW0402390RJNED	Vishay-Dale Vishay-Dale		
R25, R104,		470	RES, 470, 5%, 0.063 W, 0402	0402	CRCW0402470RJNED			
K25, K104. I								

RES.   15   0     RES.   0.5%   0.063 W   0.402   0.	signator Quan	Value Description PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
R20, R30, R31, R32, R33, R33, R34, R33, R34, R33, R34, R33, R34, R33, R34, R33, R34, R35, R36, R36, R36, R36, R36, R36, R36, R36					Arternate Lantinumber	Alternate Manufacturel
R31, R32, R33, R36, R38, R38, R38, R38, R38, R38, R38, R38		11CO, 0, 070, 0.000 VV, 0402	CICCV0402000020LB	Visitay-Date		
R33, R34, R35, R36, R37, R36, R36, R37, R36, R37, R36, R37, R36, R36, R37, R36, R36, R37, R36, R36, R36, R36, R36, R36, R36, R36						
R35, R36, R51, R37, R38, R50, R51, R124						
R37, R38, R80, R81, R124						
R50, R51						
R124						
R103, 8 1,5k RES, 15 k,5k,0,063 W,0402 0402 CRCW0402389RJNED Vishay-Dale R202, R204 R204, R204 R204 R204, R204 R204 R204, R204 R204 R204, R204						
R206, R208		DES 15 k 5% 0.063 W 0402	CPCW04021K50 INED	Vichay Dala		
R105,   3   390   RES, 390 ohm, 5%, 0.063W, 0402   0402   CRCW0402230FLRIED   Vishay-Dale   R202, R204   R107, R108, R117, R118, R119   R150k   RES, 221 k, 1%, 0.063 W, 0402   0402   CRCW0402221KFKED   Vishay-Dale   R110, R117, R118, R119   R109   1   150k   RES, 150 k, 1%, 0.063 W, 0402   0402   CRCW0402240KFKED   Vishay-Dale   R110   1   240k   RES, 240 k, 1%, 0.063 W, 0402   0402   CRCW0402240KFKED   Vishay-Dale   R111, R112   2   47k   RES, 27 k, 1%, 0.063 W, 0402   0402   CRCW0402240KFKED   Vishay-Dale   R113   1   2   20k   RES, 27 k, 1%, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R114   1   6.61k   RES, 6.81k k, 1%, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R115   1   3   32k   RES, 3.32k   RES, 3.32k   RES, 3.32k   RES, 3.28k   RS, 0.063 W, 0402   0402   CRCW04023K0FKED   Vishay-Dale   R115   1   3   32k   RES, 20,5 %, 0.063 W, 0402   0402   CRCW04023K0FKED   Vishay-Dale   R122   1   820   RES, 820,5 %, 0.063 W, 0402   0402   CRCW04023K0FKED   Vishay-Dale   R200, R208   2   2   2 k   RES, 27 k, 5%, 0.063 W, 0402   0402   CRCW04022K0JNED   Vishay-Dale   R207, R208   2   1   1   1   1   1   1   1   1   1	, i	NEG, 1.5 K, 576, 0.005 W, 0402	CKCVV04021K303IVED	Visitay-Date		
R202, R204   RES, 221 k, 1%, 0.063 W, 0402   O402   CRCW0402221KFKED   Vishay-Dale   R110, R117, R118, R119   R109   1   1500k   RES, 420 k, 1%, 0.063 W, 0402   O402   CRCW0402230KFKED   Vishay-Dale   R110, R110   1   2400k   RES, 420 k, 1%, 0.063 W, 0402   O402   CRCW0402240KFKED   Vishay-Dale   R111, R112   2   4.7k   RES, 4.7k, 5%, 0.063 W, 0402   O402   CRCW040247KJNED   Vishay-Dale   R111, R112   2   4.7k   RES, 4.7k, 5%, 0.063 W, 0402   O402   CRCW040247KJNED   Vishay-Dale   R114   1   6.61k   RES, 6.81k, 1%, 0.063 W, 0402   O402   CRCW0402487FKED   Vishay-Dale   R114   1   6.61k   RES, 6.81k, 1%, 0.063 W, 0402   O402   CRCW04028481FKED   Vishay-Dale   R115   1   3.32k   RES, 3.2k, 1%, 0.063 W, 0402   O402   CRCW04028481FKED   Vishay-Dale   R122   1   820   RES, 820, 5%, 0.063 W, 0402   O402   CRCW0402802FKED   Vishay-Dale   R200, R208   2   2.2k   RES, 2.2k, 5%, 0.063 W, 0402   O402   CRCW0402802RJNED   Vishay-Dale   R207, R418   2   100k   RES, 10k, 5%, 0.063 W, 0402   O402   CRCW0402280RJNED   Vishay-Dale   R207, R418   2   100k   RES, 10k, 5%, 0.063 W, 0402   O402   CRCW040210KDUNED   Vishay-Dale   R400, R411, R412   R415, R416   R417, R412   R415, R416   R417, R412   R415, R416   R417, R414   R415, R416   R417, R414   R415, R416   R417, R414   R415, R416   R417, R415   R418, R415, R416   R417, R414   R415, R416   R417, R414   R415, R416   R417, R414   R415, R416   R417, R416   R417, R414   R415, R416   R417, R41		PES 390 ohm 5% 0.063W 0402	CRCW0402390R INFD	Vishay-Dale		
R107, R108, R116, R117, R118, R119   R16, R171, R118, R119   R16, R117, R118, R119   R109   1   150k   RES, 210, 1%, 0.063 W, 0402   0402   CRCW0402150KFKED   Vishay-Dale   R110   1   240k   RES, 240k, 1%, 0.063 W, 0402   0402   CRCW0402240KFKED   Vishay-Dale   R111, R112   2   4.7k   RES, 27k, 5%, 0.063 W, 0402   0402   CRCW0402240KFKED   Vishay-Dale   R113, 1   2.20k   RES, 27k, 5%, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R113   1   2.20k   RES, 28k, 1%, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R114   1   6.31k   RES, 6.81 k, 1%, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R115   1   3.32k   RES, 38k, 1%, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R122   1   820   RES, 820, 5%, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R200, R208   2   2.2k   RES, 20.5 %, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R200, R208   2   2.2k   RES, 20.5 %, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R200, R208   2   1   820   RES, 10 k, 5%, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R200, R208   2   1   1   1   1.0Meg   RES, 10 k, 5%, 0.063 W, 0402   0402   CRCW04022K0FKED   Vishay-Dale   R200, R208   R	,	1123, 330 01111, 376, 0.0030, 0402	CICOVO402330INSINED	Visitay-Date		
R108, R116, R117, R118, R109		k PES 221 k 1% 0.063 W 0402	CBCW0402221KEKED	Vishay-Dale		
R116, R117, R118, R119  R109	, i	1125, 221 11, 170, 0.000 11, 0.000	OKOWO40222 IKI KEB	Visitay Baic		
R119						
R118, R119						
R109						
R110		PES 150 k 1% 0.063 W 0402	CRCW0402150KEKED	Vichay Dala		
R111, R112						
R113						
R114						
R115						
R122						
R200, R208   2   2.2k						
R207, R418   2   10k						
R210 1 1.0Meg RES, 1.0 M, 5%, 0.063 W, 0402 0402 CRCW04021M0JNED Vishay-Dale R400, R401, R402, R403, R405, R410, R411, R412 R406 1 27 RES, 27 ohm, 5%, 0.063W, 0402 R407, R409, R413, R414, R413, R414, R415, R416 SH-J1, SH-J5, SH-J6, SH-J9, SH-J9, SH-J10, SH-J11, SH-J12, SH-J11, SH-J12, SH-J12, SH-J11, SH-J12,						
R400, R401, R402, R403, R405, R410, R411, R412 R406						
R401, R402, R403, R405, R410,						
R402, R403, R405, R410, R411, R412  R406		RES, 15 K, 5%, 0.063 W, 0402	CRCW040215K0JNED	Visnay-Dale		
R403, R405, R410, R411, R412  R406						
R405, R410, R411, R412  R406						
R410, R411, R412  R406						
R411, R412  R406  R407, 6 22  RES, 27 ohm, 5%, 0.063W, 0402  R409, R413, R414, R415, R416  SH-J1, SH-J5, SH-J6, SH-J9, SH-J10, SH-J11, SH-J12,						
R406       1       27       RES, 27 ohm, 5%, 0.063W, 0402       0402       CRCW040227R0JNED       Vishay-Dale         R407, R409, R413, R414, R415, R416       SH-JI, SH- J3, SH-J4, SH-J5, SH-J6, SH-J6, SH-J9, SH-J9, SH-J9, SH-J1, SH-J1, SH-J1, SH-J1, SH-J1, SH-J12, SH-J						
R407, 6 22 RES, 22 ohm, 5%, 0.063W, 0402 0402 CRCW040222R0JNED Vishay-Dale R413, R414, R415, R416 SH-J1, SH-J3, SH-J4, SH-J5, SH-J6, SH-J9, SH-J9, SH-J10, SH-J11, SH-J11, SH-J12, SH-J13, SH-J14, SH-J14, SH-J15, SH-J16, SH-J16, SH-J16, SH-J16, SH-J16, SH-J16, SH-J16, SH-J16, SH-J17, SH-		DEC 27 abov 59/ 0.002W 0.402	CDCW040227D0 INFD	\/:-bD-1-		
R409, R413, R414, R415, R416  SH-J1, SH- J2, SH-J6, SH-J7, SH- J8, SH-J9, SH-J9, SH-J9, SH-J10, SH- J11, SH- J11, SH- J12, SH- J12, SH-						
R413, R414, R415, R416  SH-J1, SH-J3, SH-J6, SH-J7, SH-J8, SH-J9, SH-J10, SH-J11, SH-J11, SH-J12, SH-J12, SH-J12, SH-J12, SH-J12, SH-J13, SH-J14, SH-J12, SH-J14, SH-J15, SH-J15, SH-J16, SH-J16, SH-J16, SH-J16, SH-J16, SH-J17, SH-J		RES, 22 01111, 5%, 0.003W, 0402	CRCW040222R0JNED	Visnay-Dale		
R414, R415, R416  SH-J1, SH- J2, SH-J3, SH-J6, SH-J7, SH- J8, SH-J9, SH-J10, SH-J10, SH-J10, SH-J11, SH-J11, SH-J12, SH-J12, SH-J12, SH-J10, S						
R415, R416  SH-J1, SH- J2, SH-J3, SH-J4, SH- J5, SH-J6, SH-J7, SH- J8, SH-J9, SH-J9, SH-J1, SH- J11, SH- J11, SH- J12, SH-						
SH-J1, SH- J2, SH-J3, SH-J4, SH- J5, SH-J6, SH-J7, SH- J8, SH-J9, SH-J10, SH- J11, SH- J12, SH-						
J2, SH-J3, SH-J4, SH- J5, SH-J6, SH-J7, SH- J8, SH-J9, SH-J10, SH- J11, SH- J12, SH-		Church O. S. Array Could Direct	00000040404	Month Flater vita		
SH-J4, SH- J5, SH-J6, SH-J7, SH- J8, SH-J9, SH-J10, SH- J11, SH- J12, SH-		Snunt, 2.54mm, Gold, Black Snunt, 2.54mm, Black	60900213421	Wurth Elektronik		
J5, SH-J6, SH-J7, SH- J8, SH-J9, SH-J10, SH- J11, SH- J12, SH-						
SH-J7, SH- J8, SH-J9, SH-J10, SH- J11, SH- J12, SH-						
J8, SH-J9, SH-J10, SH- J11, SH- J12, SH-						
SH-J10, SH- J11, SH- J12, SH-						
J11, SH- J12, SH-						
J12, SH-						
J13, SH-J14						
	, SH-J14					
LIVER AND	114	M. 10. 1M. A H. DECCOOL (LOED 100)	MOD 400ED 00 171775	<del> </del>	MODAGOEDAGATIBE	<del> </del>
		3				Texas Instruments
					MSP430F5528IRGCT	Texas Instruments
	1 וטוע		1 S5A21366RSER	11		None
enable OFN MORGOGO FORM TO AN A CONTRACT OF THE CONTRACT OF T	11400		140040000 =0004			1
					F	None
			1PD4E002DRL2	I exas Instruments	Equivalent	Texas Instruments
U201, U202 Channels, -40 to +85 degC, 5-pin SOT (DRL), Green (RoHS	1, U202					
& no Sb/Br)	1100		TDD0500455:5	-		
	J400 1		TPD2E001DRLR	I exas Instruments	Equivalent	None
Speed Data Interfaces, 2 Channels, -40 to +85 degC, 5-pin						
SOT (DRL), Green (RoHS & no Sb/Br)						
	J401 1		TUSB2046BIRHBR	Texas Instruments	Equivalent	None
QFN (RHB), Green (RoHS & no Sb/Br)		QFN (RHB), Green (RoHS & no Sb/Br)				

Designator	Quantity	Value	Description	Dookogo Doforca a a	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
	Quantity	value		PackageReference	TPS73533DRBR			
U402	1		Single Output High PSRR LDO, 500 mA, Fixed 3.3 V	DRB0008A	1P5/3533DRBR	Texas Instruments	Equivalent	Texas Instruments
			Output, 2.7 to 6.5 V Input, with Low IQ, 8-pin SON (DRB), -					
			40 to 125 degC, Green (RoHS & no Sb/Br)					
USB	1		Connector, Receptacle, Micro-USB Type B, SMT	Connector USB Mini B	ZX62R-B-5P	Hirose Electric Co. Ltd.		
Y1	1		Crystal, 8MHz, SMD	SMD, 2-Leads, Body	ABM3-8.000MHZ-D2Y-T	Abracon Corporation		
				3.2x1.3x5 mm				
Y2	1		CRYSTAL, 32.768KHZ, 9PF, SMD	3.2x0.9x1.5mm		Abracon Corporation		
Y3	1		Ceramic Resonator, 8MHz, 22pF, SMD	3.7x3.1mm	AWSCR-8.00CV-T	Abracon Corporation		
C15, C16	0	12pF	CAP, CERM, 12 pF, 50 V, +/- 5%, C0G/NP0, 0402	0402	GRM1555C1H120JA01 D	MuRata		
J100	0		Header, TH, 100mil, 7x1, Gold plated, (modified silk pin #1)	7x1 Header	TSW-107-07-G-S	Samtec		
J200	0		Header, 100mil, 7x1, Gold, TH	7x1 Header	TSW-107-07-G-S	Samtec		
L3	0	2.2uH	Inductor, Shielded, Ferrite, 2.2 µH, 1.57 A, 0.042 ohm, SMD	IND_3x1.5x3mm	VLF302515MT-2R2M	TDK		
R20, R21, R22, R41,	0		RES, xxx ohm, x%, xW, [PackageReference]	Used in PnP output and some BOM	Used in BOM report	Used in BOM report	-	-
R42, R43,				reports				
R44, R45,								
R46, R47,								
R48, R49								
R26	0	22	RES, 22, 5%, 0.063 W, 0402	0402	CRCW040222R0JNED	Vishay-Dale		
U2	0		Single Output LDO, 150 mA, Adjustable 1.22 to 5.25 V Output, 2.2 to 5.5 V Input, with 500 nA Quiescent Current, 5- pin SOT (DDC), -40 to 125 degC, Green (RoHS & no Sb/Br)	DDC0005A	TPS78001DDCR	Texas Instruments	Equivalent	Texas Instruments
U3	0		360nA IQ Step Down Converter for Low Power Applications, DSS0012A	DSS0012A	TPS62740DSSR	Texas Instruments	TPS62740DSST	Texas Instruments
F1	1	241	Clamp-on Ferrite	Hinged (Snap On), Key F	74271132	Wurth Elektronik		
USB1	1		micro USB cable(REACH & RoHs compliant, 12" - 16")	, , , , , ,	AK67421-0.3	Assman WSW		
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