



**MICROCHIP**

**Microchip Technology Incorporated**  
**2355 W. Chandler Blvd.**  
**Chandler, AZ 85224-6199**

**ASSEMBLY NUMBER: 02-01630-1 REV: 4**

**ASSEMBLY NAME: PCB ASSY, PICDEM 2 PLUS**

KEY	
CR: Cross	D: Drawing
CS: Consign	B: BOM
PL: Pack List	LBL: Label
	Q: Quality Check

**Bill of Materials**

Qty	Part Number	Rev	Description	Manufacturer	Vendor / Part No	C	C	P	Type
						R	S	L	
1	02-01630-1-D	1	PCB ASSY DWG, PICDEM 2 PLUS						D
2	03-01630-1	1	SCHEMATIC, PICDEM 2 PLUS						D
3	04-01630-1	1	PCB FABRICATION, PICDEM 2 PLUS						D
4	08-00126	6	LABEL, NEED HELP WITH ASSY/SERIAL						LBL
5	MIC0664		IC, PIC16F1937-I/P 40L-PDIP @U1 MICROCHIP PIC16F1937-I/P LECC17S2XB04 <input checked="" type="checkbox"/> RoHS Compliant Avail:			Y			PART
6	MIC0049		IC, 24LC256 CMOS 256K SERIAL EEPROM (2.5V) 8L DIP INDUSTRIAL PLASTIC @U4 MICROCHIP 24LC256-I/P C5AC27C4XA00 <input checked="" type="checkbox"/> RoHS Compliant Avail:			Y			PART
7	MIC0183		IC SMT, TC74A5-5.0, DGTL THERM SENSOR 5V SOT-23A-5 U5 MICROCHIP TC74A5-5.0VCTTR Y4001YCFXF50 <input checked="" type="checkbox"/> RoHS Compliant Avail:			Y			PART
8	BAT0003		BATTERY STRAP, 9V VERTICAL PC MOUNT J8 KEYSTONE 968 DIGIKEY 968K-ND <input checked="" type="checkbox"/> RoHS Compliant Avail:						PART
9	CAP0359		CAP SMT, 0.1uF, 0603 CER 16V 10% X7R C1, C2, C8-C15, C19, C20 MURATA GRM188R71C104KA01D DIGIKEY 490-1532-2-ND <input checked="" type="checkbox"/> RoHS Compliant Avail: NIC COMPONEN NMC0603X73104K16TRPF DIGIKEY PCC1788CT-ND <input checked="" type="checkbox"/> RoHS Compliant Avail:						PART
10	CAP0360		CAP SMT, 22pF 0603 CER 50V 5% NP0 C6, C7 MURATA GRM1885C2A220JA01D DIGIKEY 490-1335-1-ND <input checked="" type="checkbox"/> RoHS Compliant Avail:						PART



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11	1	CON0001	CONN, RECPT, D-SUB, 9P, RT ANGLE W/ JACK SCREWS J1 KOBICONN 152-3409 TYCO/AMP 7-747844-0 TYCO/AMP 5-747844-5 KYCON K22-E9S-NJ 1008-9S-R JAMECO 104952 TYCO/AMP 747844-5 DIGIKEY A23304-ND SPC TECHNOLO DE9S-FRS FUK HING INDU DR-9S CAMTECH SPC TECHNOLO SPC15457 NEWARK 79K5032	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
				<input type="checkbox"/> RoHS Compliant	Avail:					
				<input type="checkbox"/> RoHS Compliant	Avail:					
				<input type="checkbox"/> RoHS Compliant	Avail:					
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
12	6	CON0040	CONN, HDR, 1x2 BREAKAWAY, 0.100" PITCH, 0.025 SQ POST (0.100"/0.230") J6, J7, J9, J10, J12, J24 SAMTEC TSW-102-07-G-S DIGIKEY SAM1029-02-ND SPC TECHNOLO SPC20481 NEWARK 93K5734 SAMTEC TSW-102-07-T-S	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
13	15	CON0084	CONN, SHUNT, 2-PIN SHORTING SHUNT (.100" SPACING) @J6, @J7, @J9, @J10, @J12, @J14, @J15, @J6@J17, @J18, @J19, @J20, @J21, @J22, @J23 TYCO/AMP 382811-6 DIGIKEY A26227-ND SULLINS SSC02SYAN DIGIKEY S9002-ND FCI 63429-202LF DIGIKEY 609-2997-ND HARWIN M7567-05 DIGIKEY M7567-05-ND 3M 969102-0000-DA DIGIKEY 3M9580-ND SAMTEC SNT-100-BK-G	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
				<input checked="" type="checkbox"/> RoHS Compliant	Avail:					
14	1	DIODE0176	DIODE SMT, SBR 0.5A 20V SC59 D6 DIODES INC SBR05U20SN-7 DIGIKEY SBR05U20SNDITR-	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
15	1	IC00292	IC SMT, DRVR/RCVR MULTCH RS232, 16L SSOP U3 TEXAS INSTRU MAX3232CDBR DIGIKEY 296-13093-1-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART

\* In Rev Field: Part Rev is controlled in the Specification Index



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16	1	REG0023	IC REGULATOR LDO 1A, TO-263 U8 NATIONAL SEMI LM2940CS-5.0- NOPB	DIGIKEY	LM2940CS-5.0-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	PART
17	1	CON0051	CONN, MOD JACK 6-6 SIDE ENTRY (RJ11) J5 TYCO/AMP 520470-3	DIGIKEY	A9049-ND	<input type="checkbox"/>	RoHS Compliant	Avail:	PART
			TYCO/AMP 5520470-3	DIGIKEY	A31417-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
18	1	CON0002	CONN, JACK, 2.5mm DC PC MOUNT J2 LZR ELECTRONI DJ005B			<input type="checkbox"/>	RoHS Compliant	Avail:	PART
			SWITCHCRAFT RAPC712X	DIGIKEY	RAPC712X-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			POWER DYNAMI DC-001-B-CRSN			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			KYCON KLDX-0202-B	MOUSER	806-KLDX-0202-B	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			KYCON KLDX-0202-BHT	MOUSER	806-KLDX-0202-BH	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			SWITCHCRAFT RAPC712	DIGIKEY	SC1152-ND	<input type="checkbox"/>	RoHS Compliant	Avail:	
			RAYCON TECH RT-0202-2.5			<input type="checkbox"/>	RoHS Compliant	Avail:	
			KYCON KLD-0202-B			<input type="checkbox"/>	RoHS Compliant	Avail:	
			FUK HING INDU DC-003-250	CAMTECH		<input type="checkbox"/>	RoHS Compliant	Avail:	
			RDI RDJ-005B			<input type="checkbox"/>	RoHS Compliant	Avail:	
19	5	LED0061	LED THIN 565NM GRN DIFF 0805 SMD D1-D5 LUMEX SML-LXT0805GW-TR	DIGIKEY	67-1553-1-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	PART
20	5	MISC0022	MISC, RUBBER FEET, SQ 0.50x0.23 HIGH BLACK 3M SJ-5518	DIGIKEY	SJ5518-0-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	PART
21	1	OSC0019	OSC, 32.768KHz CRYSTAL 8mm (WATCH TYPE) Y3 ECS INC ECS-3X8X	DIGIKEY	X1123-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	PART
			HEC INC/HOOR HE38-32.768K-12.5	CAMTECH		<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			ECS INC ECS-3X8	DIGIKEY	X801-ND	<input type="checkbox"/>	RoHS Compliant	Avail:	
			CITIZEN CMR200TB32.768KDZFTR	DIGIKEY	300-2065-1-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	



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22	1	RPOT0013	RES POT, 5.0K-OHM TRIM, 0.38 DIA TOP ADJUST PCB MOUNT E STYLE R16 BOURNS 3352T-1-502LF	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				PART
			BI TECHONOLO 91AR5KLF	MOUSER 858-91AR5KLF	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			BOURNS 3352T-1-502	DIGIKEY 3352T-502-ND	<input type="checkbox"/> RoHS Compliant	Avail:			
23	1	RSMT0034	RES SMT, 10K-OHM 1/10W 5% 0603 R1 SEI (STACKPOL RMCF 1/16 10K 5% R	DIGIKEY RMCF1/1610KJRCT	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			PART
			NIC COMPONENT NRC06J103TRF		<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			PANASONIC ERJ-3GSYJ103V	DIGIKEY P10KGTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			PANASONIC ERJ-3GEYJ103V	DIGIKEY P10KGTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			ROHM MCR03FZHJ1002		<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			YAGEO RC0603JR-0710KL	DIGIKEY 311-10KGRTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
24	1	RSMT0018	RES SMT, 10-OHM 1/10W 5% 0603 R14 YAGEO RC0603JR-0710RL	DIGIKEY 311-10GRCT-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			PART
			PANASONIC ERJ-3GEYJ100V	DIGIKEY P10GTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			KOA SPEER RK73B1JTDD100J	MOUSER 660-RK73B1JTDD1	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			PANASONIC ERJ-3GSYJ100V	DIGIKEY P10GTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
25	4	RSMT0092	RES SMT, 4.7K-OHM 1/10W 5% 0603 R3,R7-R9 YAGEO/PHYCO RC0603JR-074K7L	DIGIKEY 311-4.7KGRTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			PART
			YAGEO/PHYCO 9C06031A4701JLHFT	DIGIKEY 311-4.7KGTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			KOA SPEER RK73B1JTDD472J		<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			PANASONIC ERJ-3GEYJ472V	DIGIKEY P4.7KGTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			ROHM MCR03EZJ4.7K		<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			YAGEO/PHYCO 9C06031A4701JLPFT		<input checked="" type="checkbox"/> RoHS Compliant	Avail:			
			SEI (STACKPOL RMCF 1/16 4.7K 5% R		<input checked="" type="checkbox"/> RoHS Compliant	Avail:			



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						R	S	L	
26	10	RSMT0098	RES SMT, 470-OHM 1/10W 5% 0603 R2, R5, R15, R17, R18, R19, R21-R24 SEI (STACKPOL RMCF1/164705%R			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PART
			PANASONIC ERJ-3GEYJ471V	DIGIKEY	P470GTR-ND	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			NIC COMPONEN NRC06J471TRF			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	1	SKT0015	SOCKET, 18L DIP 0.300" COLLET OPEN FRAME xU6			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PART
			MILL-MAX 110-44-318-41-001000	DIGIKEY	ED90051-ND	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			MILL-MAX 110-99-318-41-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			SAMTEC ICA-318-S-ST			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			SAMTEC ICA-318-S-TT			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			MILL-MAX 110-13-318-41-001			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			ARIES 18-3518-10	DIGIKEY	A403AE-ND	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			ARIES 18-3518-11			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			MILL-MAX 110-93-318-41-001	DIGIKEY	ED3318-ND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			MILL-MAX 110-91-318-41-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			SAMTEC ICA-318-S-GG			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	1	SKT0031	SOCKET, 28P 0.300" COLLET OPEN FRAME xU2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PART
			MILL-MAX 110-91-328-41-001	DIGIKEY	11091-3284100100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			MILL-MAX 110-13-328-41-001			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			SAMTEC ICA-328-S-ST			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			MILL-MAX 110-43-328-41-001000	DIGIKEY	ED90038-ND	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			MILL-MAX 110-13-328-44-001			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			RAYCON TECH RTDIP1228-GTA-3			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			MILL-MAX 110-93-328-41-001	DIGIKEY	ED3328-ND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			SAMTEC ICA-328-S-GG			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			MILL-MAX 110-99-328-41-001	DIGIKEY	ED3128-ND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



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29	1	SKT0045	SOCKET, 40P DIP 0.600W COLLET OPEN FRAME xU1						PART
			ARIES 40-6518-10 DIGIKEY A411-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
			MILL-MAX 110-13-640-41-001	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
			MILL-MAX 110-41-640-41-001	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
			RAYCON TECH RTDIP1240-GTA	<input type="checkbox"/> RoHS Compliant	Avail:				
			MILL-MAX 110-91-640-41-001 DIGIKEY 11091-6404100100	<input type="checkbox"/> RoHS Compliant	Avail:				
			MILL-MAX 110-93-640-41-001 DIGIKEY ED3640-ND	<input type="checkbox"/> RoHS Compliant	Avail:				
			ARIES 40-6518-11	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
			MILL-MAX 110-99-640-41-001 DIGIKEY ED3740-ND	<input type="checkbox"/> RoHS Compliant	Avail:				
30	3	SWITCH0063	SWITCH TACT 6MM SMD MOM 230GF S1-S3						PART
			OMRON B3S-1002 DIGIKEY SW416-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
31	1	TRA0059	TRANS SMT, NPN 40V 350MW SOT-23 Q2						PART
			DIODES INC MMBT3904-7-F DIGIKEY MMBT3904LT3OSC	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
32	1	RSMT0210	RES SMT, 220-OHM 1/10W 5% 0603 R11						PART
			NIC COMPONENT NRC06J221TRF	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
			PANASONIC ERJ-3GEYJ221V DIGIKEY P220GTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
			SEI (STACKPOL RMCF1/162205%R	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
33	1	RSMT0001	RES SMT, 0-OHM 0603 R13						PART
			NIC COMPONENT NRC06Z0TRF	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
			PANASONIC ERJ-3GSY0R00V DIGIKEY P0.0GTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
			PANASONIC ERJ-3GEY0R00V DIGIKEY P0.0GTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				
			SEI (STACKPOL RMCF0603ZT0R00 DIGIKEY RMCF0603ZT0R00	<input checked="" type="checkbox"/> RoHS Compliant	Avail:				



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34	2	CON0107	CONN, HDR, 1x6 BREAKAWAY, 0.100" PITCH, 0.025 SQ, RA, (0.230/0.090) J11, J13 MILL-MAX 800-40-006-20-001000 TYCO/AMP 9-103325-0-06 DIGIKEY A32702-06-ND SAMTEC TSW-106-08-S-S-RA DIGIKEY SAM1047-06-ND JAMECO 677548	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
35	1	AUD0015	AUD SMT, BUZZER, PIEZO, 4.1KHz, 1-20V BZ1 MALLORY SONA AST1109MLTRQ DIGIKEY 458-1093-2-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
36	1	CAP0152	CAP THR, 22uF, AL ELEC, 50V (2mmLS) C16 PANASONIC ECA-1HM220 DIGIKEY P5179-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
37	2	RSMT0052	RES SMT, 2.2K-OHM 1/10W 5% 0603 R20, R25 NIC COMPONEN NRO6J222TRF PANASONIC ERJ-3GEYJ222V DIGIKEY P2.2KGTR-ND PANASONIC ERJ-3GSYJ222V DIGIKEY P2.2KGTR-ND SEI (STACKPOL RMCF1/162.2K5%R	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
38	1	RSMT0710	RES SMT, 5.1K-OHM 1/8W 1% 0603 R26 PANASONIC ERJ-3EKF5101V DIGIKEY P5.10KHTR-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
39	3	CAP0478	CAP THR, 22pF 100V 5% CER AXIAL C0G C3, C4, C5 KEMET C410C220J1G5TA7200 DIGIKEY 399-4461-1-ND	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
40	1	RSMT0705	RES SMT, 1K-OHM 1/10W 1% 0603 R27 SEI (STACKPOL RMCF0603FT1K00 DIGIKEY RMCF1/161KFRTR-	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART
41	1	RES0047	RES, CF 4.7K-OHM 1/4W 5% R4 YAGEO CFR-25JR-524K7 YAGEO CFR-25JB-4K7 DIGIKEY 4.7KQBK-ND VISHAY/PHOENI 5043CX4K700J	<input checked="" type="checkbox"/> RoHS Compliant	Avail:					PART

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42	1	CAP0013	CAP SMT, 0.1uF 0805 CER 50V 10% X7R C18						PART
			KEMET C0805C104M5RACTU	DIGIKEY	399-1169-1-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			YAGEO 08052R104K9B20D	DIGIKEY	311-1140-2-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			PANASONIC ECJ-2YB1H104K	DIGIKEY	PCC1840TR-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			NIC COMPONEN NMC0805X7R104K50TRPF			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			KEMET C0805C104M5RAC			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			KEMET C0805C104M5RAC			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			CAL-CHIP GMC21X7R104K50NTLF			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			XICON CC501B104K	MOUSER		<input type="checkbox"/>	RoHS Compliant	Avail:	
			KEMET C0805C104K5RACTU	DIGIKEY	399-1170-1-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			TAIYO YUDEN UMK212BJ104KG-T	DIGIKEY	587-1279-2-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
43	1	CAP0163	CAP SMT, 0.47uF 0805 CER 50V 10% X7R C17						PART
			MURATA C2012X7R1C474K	DIGIKEY	445-1357-2-ND	<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			VENKEL C0805X7R160-474KNE			<input type="checkbox"/>	RoHS Compliant	Avail:	
			NIC COMPONEN NMC0805X7R474K50TRPF			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			VENKEL C0805X7R500-474KSNE			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
44	1	CON0262	CONN, RECPT, 2x6 PIN .025 SQ. (0.104/0.435) J4						PART
			SAMTEC SSW-106-01-G-D			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			SAMTEC SSW-106-01-T-D			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
45	1	CON0175	CONN, RECPT, 2x14 PIN .025 SQ. (0.104/0.435) J3						PART
			SAMTEC SSW-114-01-G-D			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			SAMTEC SSW-114-01-T-D			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			SAMTEC SSQ-114-01-T-D			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	
			SAMTEC SSQ-114-01-G-D			<input checked="" type="checkbox"/>	RoHS Compliant	Avail:	





**MICROCHIP**

**Microchip Technology Incorporated**  
**2355 W. Chandler Blvd.**  
**Chandler, AZ 85224-6199**

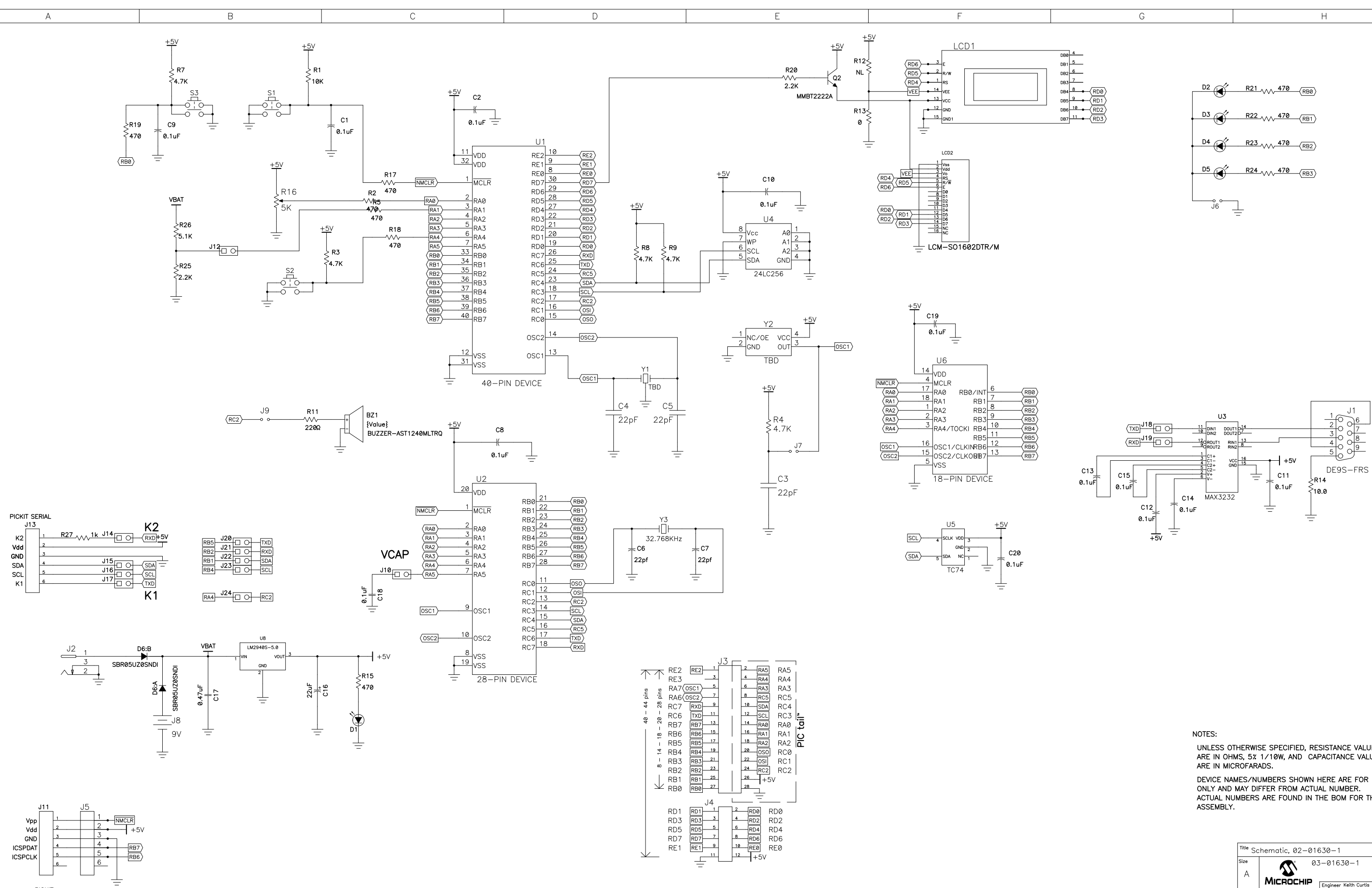
KEY	
CR: Cross	D: Drawing
CS: Consign	B: BOM
PL: Pack List	LBL: Label
	Q: Quality Check

**ASSEMBLY NUMBER: 02-01630-1**      **REV: 4**

**ASSEMBLY NAME: PCB ASSY, PICDEM 2 PLUS**

### Bill of Materials

Qty	Part Number	Rev	Description	Manufacturer	Vendor / Part No	C C P			Type
						R	S	L	
46	1	CON0464	CONN, HEADER 2X2 4POS .100" DUAL @J18,@ J19 SAMTEC      TSW-102-07-G-D      DIGIKEY      SAM1028-02-ND <input checked="" type="checkbox"/> RoHS Compliant      Avail:	SAMTEC					PART
47	0	-COMMENT-	LCD configurations below:						PART
48	1	LCD0013	LCD MODULE 16 CHAR x 2 ROW, COG, NO BACKLIGHT OCULAR OCULAR      FC16214-52 <input checked="" type="checkbox"/> RoHS Compliant      Avail: OCULAR      OM16214-NGS-R <input checked="" type="checkbox"/> RoHS Compliant      Avail:						PART
49	0	-OR-	-OR-						PART
50	1	LCD0015	LCD MODULE 16 CHAR x 2 ROW, 5V LUMEX OPTO LUMEX      LCM-S01602DTR/M      DIGIKEY      67-1781-ND <input checked="" type="checkbox"/> RoHS Compliant      Avail:						PART
51	0	-SPARE-	-SPARE- LOCATION DO NOT INSTALL Y1, R12						PART



NOTES:  
 UNLESS OTHERWISE SPECIFIED, RESISTANCE VALUES ARE IN OHMS, 5% 1/10W, AND CAPACITANCE VALUES ARE IN MICROFARADS.  
 DEVICE NAMES/NUMBERS SHOWN HERE ARE FOR REF ONLY AND MAY DIFFER FROM ACTUAL NUMBER. ACTUAL NUMBERS ARE FOUND IN THE BOM FOR THIS ASSEMBLY.