

02-60079 Rev 2				PICDEM NET II			
Count	ComponentName	RefDes	Value	Description	Vendor	Vendor #	Digikey #
1		D10	IN4001	RECTIFIER GPP 400V 1A SMB	DIODES INC	S1GB-13-F	S1GB-FDICT-ND
1		U4	25C256	EEPROM	Microchip	25LC256-I/SN	
1		U2	ENC28J60	Ethernet IC	Microchip		
1	TC1047_SOT23	U1		IC SMT, TC1047A, 3L SOT-23	Microchip	TC1047AVNBTRG	
32	CAP0603	C1, C10, C11, C12, C13, C15, C16, C17, C18, C20, C21, C22, C23, C24, C26, C28, C29, C31, C32, C33, C36, C37, C38, C39, C40, C41, C42, C43, C44, C47, C50, C52	.1uF	CAP SMT, 0.1uF 0603 CER 16V 10% X7R	NIC COMPONENTS CORP	NMC0603X7R104K16TRPF	
1	CAP0603	C34	1Uf	CAP SMT, 1.0uF 0603 CER 16V 10% X5R	PANASONIC	ECJ-1VB1C105K	PCC2224CT-ND
4	CAP0603	C19, C25, C30, C35	33pf	CAP CER 33PF 50V C0G 5% 0603	TDK Corporation	C1608C0G1H330J	445-1275-1-ND
2	CAP0603	C45, C46	22pf	CAP SMT, 22pF 0603 CER 50V 5% NP0	PANASONIC	ECJ-1VC1H220J	PCC220ACVTR-ND
1	CAP0805	C27	10uF	CAP CER 10UF 6.3V Y5V 0805	Murata	GRM21BF50J106ZE01L	490-1746-1-ND
2	CAP_SMT_D	C48, C51	47uF	CAP 47UF 16V VS ELECT SMD	Panasonic - ECG	ECE-V1CA470SP	PCE3064CT-ND
1	CA- SMT_F	C49	220uF	CAP ELECT 220UF 25V VS SMD	Panasonic - ECG	EEE-1EA221UP	PCE3902CT-ND
0	CONN_FPC_SD_541	J3	No Load				
1	CRYSTAL_32KHZ	Y3	32Khz	CRYSTAL 32.768KHZ CYLINDER	ECS Inc.	ECS-3X8	X801-ND
2	CRYSTAL_CS10	Y1, Y2	25Mhz	CRYSTAL 25.0000 MHZ 18PF SMD	CITIZEN	CS10-25.000MABJTR	300-8105-1-ND
1	DE9S-FRS	P1	RS-232	CONN, D-SUB, 9P RECPT RT ANGLE W/ JACK SCRE	TYCO	7-747844-0	
1	DJ005B	J7		CONN, JACK, 2.5mm DC PC MOUNT	KYCON	KLD-0202-B	
1	RJ11_6PIN	J4		CONN, MOD JACK 6-6 SIDE ENTRY LOW PROFILE	AMP/TYCO	555165-1	A9031-ND
1	HDR2X6	J6		2x6 Header	3M Electronic Solutions	929852-01-06-10	517-852-01-06 Mouser
1	HDR2X14	J5		2x14 Header	3M Electronic Solutions	929852-01-14-10	517-852-01-14 Mouser
0	ICE header	U1A	No Load	25 pin male header	Samtec	MTMS-125-01-G-S-230	
1	JUMPER	JP9		1x2 Header			
0	JUMPER	JP1, JP2, JP3, JP4, JP6, JP7, JP8, JP10, JP11, JP12, JP13, JP14, JP15, JP16, JP17, JP18, JP19, JP20, JP21, JP22,	No Load	1x2 Header			
1	SIP_3	JP5		1x3 Header			
1		LCD		LCD MODULE 16X2 CHARACTER	Lumex Opto	LCM-S01602DTR/M	67-1781-ND
9	LED_LTL-PGK-TA	D1, D2, D3, D4, D5, D6, D7, D8, D9		LED SMT, 2.7x3.5mm GREEN CLEAR PLCC-2	FAIRCHILD SEMI	QTL670NC-4	
1	MAX232A-SO16	U5	MAX232	IC DRV/R CVR MULTCH RS232 16SSOP	Texas Instruments	MAX3232CDBR	296-13093-1-ND
1	MC78XX_DPAK	Q1		IC SMT, REG, +5V 1A SOT-263	NATIONAL SEMI	LM2940CS-5.0 NOPB	LM2940S-5.0-ND

1	MC78XX_DPAK	Q2		IC SMT, TC1262-3.3, DDPAK	Microchip	TC1262-3.3VEB	
1	PIC18F97J60-TQF	U3			Microchip	PIC18F97J60	
0	CAP3528	C6, C7, C8, C9, C14	No Load				
0	CAP3528	C2, C3, C4, C5	No Load				
1	POT_MIN	R38	10K	POT 10K OHM THUMBWHEEL CERM ST	Bourns Inc.	3352T-1-103LF	3352T-103-ND
2	RES0603	R30, R31	0 ohm	RES SMT, 0-OHM 0603	PANASONIC	ERJ-3GSY0R00V	P0.0GTR-ND
1	RES0603	R36	10 ohm	RES SMT, 10-OHM 1/10W 5% 0603	PANASONIC	ERJ-3GEYJ100V	P10GTR-ND
1	RES0603	R21	100 ohm	RES SMT, 100-OHM 1/10W 5% 0603	PANASONIC	ERJ-3GEYJ101V	P100GTR-ND
5	RES0603	R7, R8, R9, R14, R39	180 ohm	RES SMT, 180-OHM 1/10W 5% 0603	Rohm	MCR03EZPJ181	RHM180GCT-ND
8	RES0603	R3, R4, R5, R6, R10, R11, R12, R13	49.9, 1%	RES 49.9 OHM 1/16W 1% 0603 SMD	Rohm	MCR03EZPFX49R9	RHM49.9HCT-ND
13	RES0603	R22, R23, R24, R25, R26, R27, R28, R29, R37, R40, R41, R42, R43	470 ohm	RES SMT, 470-OHM 1/10W 5% 0603	PANASONIC	ERJ-3GEYJ471V	P470GTR-ND
1	RES0603	R33	1K	RES SMT, 1.0K-OHM 1/10W 5% 0603	PANASONIC	ERJ-3GEYJ102V	P1.0KGCT-ND
1	RES0603	R17	1.3K	RES 1.3K OHM 1/10W 5% 0603 SMD	PANASONIC	ERJ-3GEYJ132V	P1.3KGTR-ND
2	RES0603	R15, R20	2.32K 1%	RES 2.32K OHM 1/10W 1% 0603 SMD	PANASONIC	ERJ-3EKF2321V	P2.32KHTR-ND
3	RES0603	R1, R2, R32	4.7K	RES SMT, 4.7K-OHM 1/10W 5% 0603	PANASONIC	ERJ-3GEYJ472V	P4.7KGTR-ND
5	RES0603	R16, R44, R45, R46, R47	10K	RES SMT, 10K-OHM 1/10W 5% 0603	PANASONIC	ERJ-3GSYJ103V	P10KGTR-ND
1	RES0603	R34	100K	RES SMT, 100K-OHM 1/10W 5% 0603	PANASONIC	ERJ-3GSYJ104V	P100KGTR-ND
1	RES0603	R35	1M	RES 1.0M OHM 1/10W 5% 0603 SMD	PANASONIC	ERJ-3GEYJ105V	P1.0MGCT-ND
2	RES1206	R48, R49	2 ohm 1%	RES 2.00 OHM 1/4W 1% 1206 SMD	Rohm	MCR18EZHFL2R00	RHM2.00FCT-ND
0	RES0603	R18, R19	No Load				
2	INDUCTOR-1210	L1, L2	60ohm	FERRITE 1.5A 60 OHM 1210 SMD	Steward	MI1210K600R-10	240-2416-1-ND
0	RES0603	R10	No Load				
5	SW-PUSH_SMT	S1, S2, S3, S4, S5		SWITCH TACT 6MM SMD MOM 230GF	Omron Electronics	B3S-1002	SW416-ND
2		J1, J2		Mag Jack	Bel Stewart	08B0-1X1T-36-F	
0	Alternate	J1, J2		Pulse Jack	Pulse Engineering	JP011821UNL	
2		TP3, TP5		TEST POINT PC MULTI PURPOSE BLK	COMPONENTS CORP	TP-106-01-00	
2		TP2, TP4		TEST POINT PC MULTI PURPOSE RED	COMPONENTS CORP	TP-106-01-02	
1		TP1		TEST POINT PC MULTI PURPOSE WHT	Keystone Electronics	5012	5012K-ND
5				BUMPON TALL TAPER SQ .50X.23 BK	3M/ESM	SJ-5518 (BLACK)	SJ5518-0-ND
1				PCB	Advanced Circuits	05-60079_REV2	