



Engineering Change Order

ECO Number:	Date:	Originator:	Phone:	Supplier Notification:
2946	5/19/2004	Sharon O'Campo	7343	No

Affected Documents

Product	Document Number:	Description:	Old Rev:	New Rev:
AC163020	14-00658	PRODUCT TREE, PIC10F2XX PROGRAMMER ADAPTER		A
	12-00658	FINAL ASSY, PIC10F2XX PROGRAMMER ADAPTER		A
	05-01793	PCB ARTWORK, PIC10F2XX PROGRAMMER ADAPTER		1
	04-01793	PCB FABRICATION, PIC10F2XX PROGRAMMER ADAPTER		1
	03-01793	SCHEMATIC, PIC10F2XX PROGRAMMER ADAPTER		1
	02-01793-D	PCB ASSEMBLY DWG, PIC10F UNIVERSAL PROGRAMMER		1
	02-01793	PCB ASSEMBLY, PIC10F2XX PROGRAMMER ADAPTER		1

Reason for Change:

Release for quote

Description of Change:

Material Disposition:

HW Engineering	SW Engineering	Marketing	Documentation	RMA/TEST	Quality	Production	BaaN	Originator
				5/19/2004				5/19/2004

- | | |
|----------------------------------------------------------------|-----------------------------------------------------------------|
| <input type="checkbox"/> Revs were updated | <input type="checkbox"/> Packlist is correct |
| <input type="checkbox"/> Description of change was implemented | <input type="checkbox"/> All necessary drawings are in PDF file |



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

Q.C. Inspection

Date:

ASSEMBLY NUMBER: 14-00658

REV: A

LAST ECO: 2946

Part No: AC163020

ASSEMBLY NAME: PRODUCT TREE, PIC10F2XX PROGRAMMER ADAPTER

MPCode

Product Tree

Part Number	Rev	Type	Description
12-00658	A	BQ	FINAL ASSY, PIC10F2XX PROGRAMMER ADAPTER
02-01793	1	B	PCB ASSEMBLY, PIC10F2XX PROGRAMMER ADAPTER
02-01793-D	1	D	PCB ASSEMBLY DWG, PIC10F UNIVERSAL PROGRAMMER
03-01793	1	D	SCHEMATIC, PIC10F2XX PROGRAMMER ADAPTER
04-01793	1	D	PCB FABRICATION, PIC10F2XX PROGRAMMER ADAPTER
05-01793	1	DISK	PCB ARTWORK, PIC10F2XX PROGRAMMER ADAPTER
08-00126	3	LBL	LABEL, NEED HELP WITH ASSY/SERIAL
08-00237	1	LBL	LABEL, PRODUCT, FINAL ASSY W/SERIAL NO.



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

ASSEMBLY NUMBER: 12-00658

REV: A

ASSEMBLY NAME: FINAL ASSY, PIC10F2XX PROGRAMMER ADAPTER

Bill of Materials

Qty	Part Number	Rev	Description	Manufacturer	Vendor / Part No	C C P			Type
						R	S	L	
1	02-01793	1	PCB ASSEMBLY, PIC10F2XX PROGRAMMER ADAPTER			N	N	Y	B
2	-COMMENT-		DS (Instruction Sheet)			N	N	Y	PART
3	DS51282	*	PRODUCT CASE, SMALL TOOLS BOX - 7.75x5.25x1.5			N	N	N	PART
4	DS30030	*	DOC, WARRANTY/REGISTRATION CARD			N	N	Y	DOC
5	DS30210	*	DOC, "IMPORTANT INFORMATION" MICROCHIP INFORMATION			N	N	Y	DOC
6	08-00237	1	LABEL, PRODUCT, FINAL ASSY W/SERIAL NO.			N	N	N	LBL



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

ASSEMBLY NUMBER: 02-01793

REV: 1

ASSEMBLY NAME: PCB ASSEMBLY, PIC10F2XX PROGRAMMER ADAPTER

Bill of Materials

Qty	Part Number	Rev	Description	Manufacturer	Vendor / Part No	C C P				Type
						R	S	L		
1	02-01793-D	1	PCB ASSEMBLY DWG, PIC10F UNIVERSAL PROGRAMMER			N	N	N		D
2	03-01793	1	SCHEMATIC, PIC10F2XX PROGRAMMER ADAPTER			N	N	N		D
3	04-01793	1	PCB FABRICATION, PIC10F2XX PROGRAMMER ADAPTER PCB1			N	N	N		D
4	CON0051		CONN, MOD JACK 6-6 SIDE ENTRY ICD AMP/TYCO 520470-3 DIGI-KEY A9049-ND			N	N	N		PART
5	SKT0010		SOCKET, 16P DIP 0.300W COLLET MS TIN/TIN DIP8 ADAPTER (installed bottom side) MILL-MAX 110-99-316-41-001 DIGIKEY ED3116-ND MILL-MAX 110-93-316-41-001 AMP 2-641610-1 DIGIKEY A24809-ND MILL-MAX 110-91-316-41-001			N	N	N		PART
6	SKT0100		SOCKET, 6L SOT23 CLAMSHELL W/ POSTS SOT23 WELLS-CTI 499-P44-10			N	N	N		PART
7	CON0107		CONN, HDR, 1x6 POS, 0.100", BREAKAWAY, RA, (0.230/0.090) BFMP AMP 103765-6 SAMTEC TSW-106-08-G-S-RA			N	N	N		PART
8	CON0094		CONN, HDR, 1x14 POS, 0.100", BREAKAWAY, RA, (0.230/0.090) PICKIT AMP 1-103765-4 SAMTEC TSW-114-08-G-S-RA			N	N	N		PART
9	CON0020		CONN, HDR, 1x4 0.100 (0.210") 0.018 ROUND ADAPTER (wrapped in plastic baggie) SAMTEC BBS-104-G-A			N	N	N		PART
10	SJ-5518		MISC, RUBBER FEET, 0.50 SQ 0.23 HIGH BLACK	3M	DIGIKEY SJ5518-0-ND	N	N	N		PART
11	08-00126	3	LABEL, NEED HELP WITH ASSY/SERIAL			N	N	N		LBL



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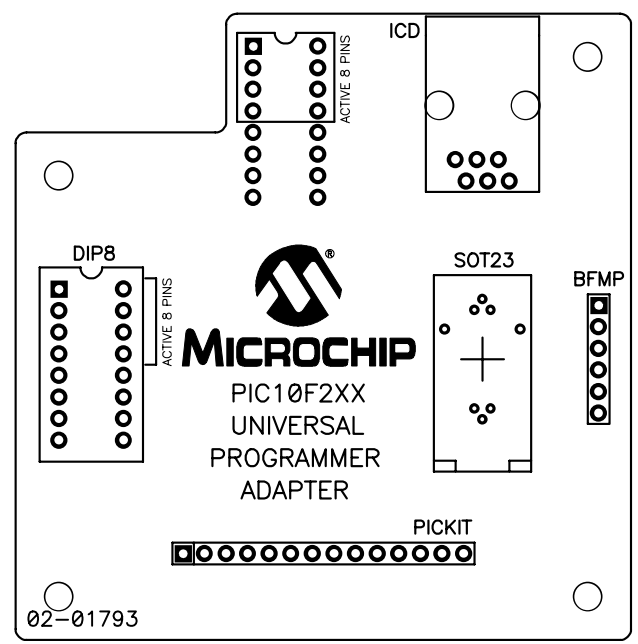
ASSEMBLY NUMBER: 14-00658 REV: A Product No: AC163020
ASSEMBLY NAME: PRODUCT TREE, PIC10F2XX PROGRAMMER ADAPTER

Pack List

12-00658 FINAL ASSY, PIC10F2XX PROGRAMMER ADAPTER Rev: A

Qty	Part Number	Description
1	DS30210	DOC, "IMPORTANT INFORMATION" MICROCHIP INFORMATION
1	DS30030	DOC, WARRANTY/REGISTRATION CARD
1	-COMMENT-	
1	02-01793	PCB ASSEMBLY, PIC10F2XX PROGRAMMER ADAPTER


A-	04-25-04	FIRST PROTOTYPE RELEASE.
1	05-14-04	PRODUCTION RELEASE.

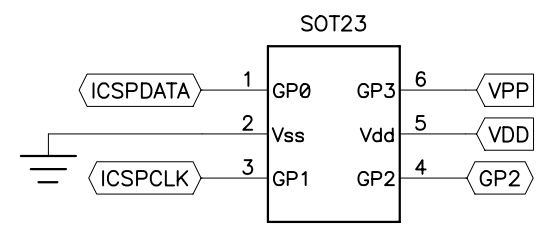
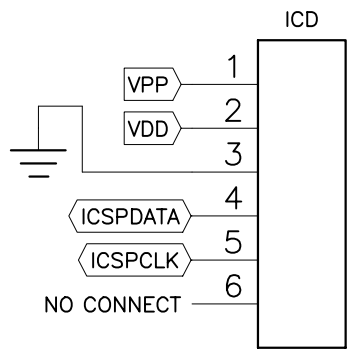
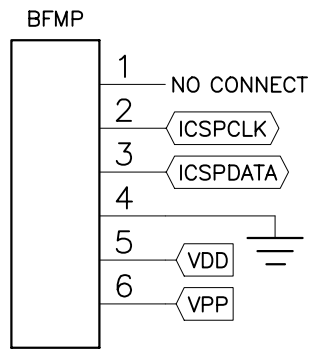
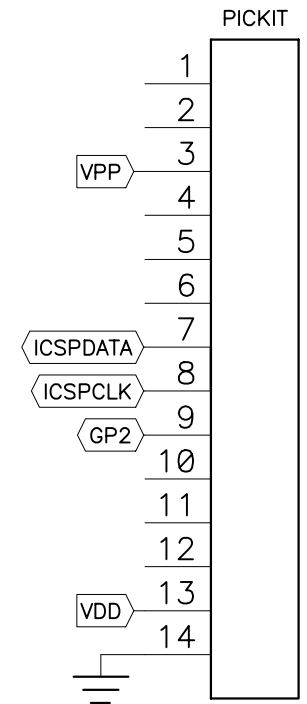
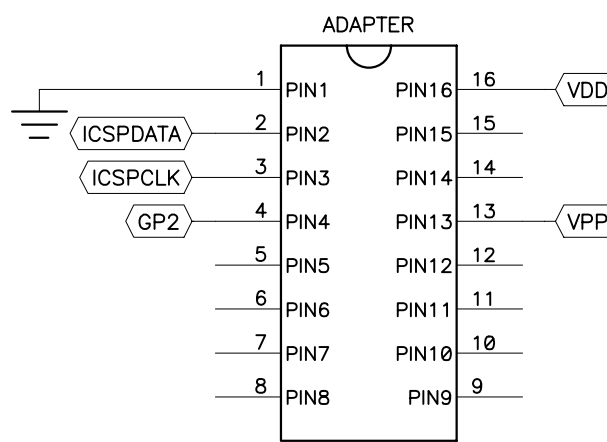
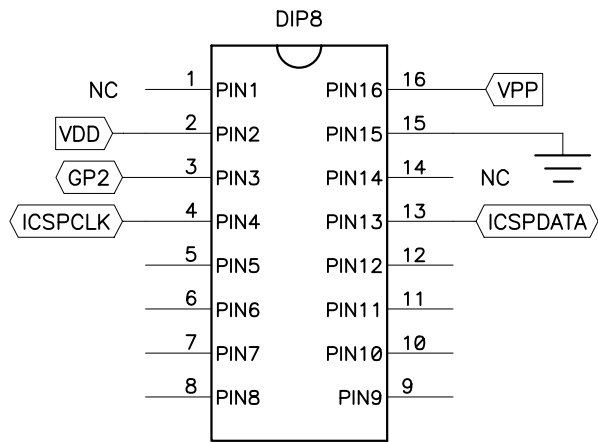



05-01793 R1 Top Silkscreen

NOTES:
THIS ASSEMBLY TO BE MANUFACTURED TO MEET ALL ACCEPTANCE LEVELS OF A CLASS 2 ASSEMBLY PER ANSI/IPC-A-610B.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
FRACTIONS .XX 0.02 .XXX 0.005
DECIMALS .XX 0.02 .XXX 0.005
ANGLES 1 DEG

Title: PCB, 10Fxxx PROGRAMMING ADAPTER		
Size	 02-01793-D	Rev 1
Date: {Date}	Englan Lao Drawn by P. FORTON	
Filename: 05-01793R1.pcb	Sheet:	of



Title			SCHEMATIC, 10Fxxx PROGRAMMING ADAPTER		
Size			03-01793	Rev	1
A			Engineer: Ian Lao		
Date: 05-14-2004			Drawn by: P. FORTON		
Filename: 03-01793R1.sch			Sheet 1 of 1		

A-	04-25-04	FIRST PROTOTYPE RELEASE.
1	05-14-04	PRODUCTION RELEASE.

MATERIAL: FR-4
 THICKNESS: 0.062" +/- 0.005"
 PLATING: 1 OZ. COPPER
 LAYER COUNT: 2
 CONTROLLED IMPEDENCE: NO

FINISH:
 HOT AIR SOLDER LEVELED (HASL) EXPOSED AREAS WITH 63/37 TIN/LEAD.
 SOLDERMASK OVER BARE COPPER (SMOBC)
 SOLDERMASK TYPE: DYNACHEM EPIC 200 LPI OR EQUIVALENT.
 SOLDERMASK COLOR: GREEN
 SILKSCREEN COLOR: WHITE INK

MICROCHIP WILL PROVIDE DRILL DATA AS A SEPARATE FILE ON A FLOPPY DISK.

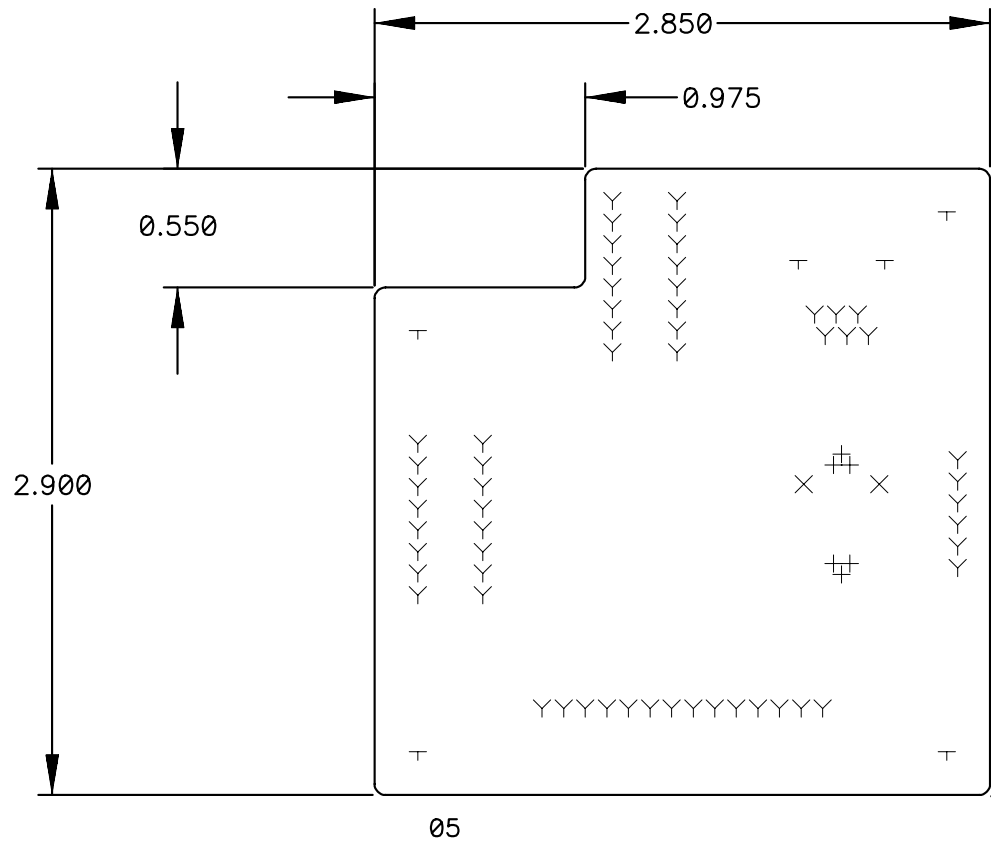
USE ARTWORK SET NUMBER: 05-01793 REVISION: 1

ANY ALTERNATIVES TO THE ABOVE SPECIFICATIONS MUST BE APPROVED BY THE ENGINEERING DEPARTMENT AT MICROCHIP.

THIS PCB TO BE MANUFACTURED TO MEET ALL ACCEPTANCE LEVELS OF A CLASS 2 PCB PER ANSI/IPC-A-600F.


ALL DIMENSIONS ARE IN INCHES.

Drill Table			
Hole Dia (inch)	Symbol	Quantity	Plated
0.020	+	6	Yes
0.024	X	2	Yes
0.042	Y	58	Yes
0.125	T	6	No



ROUND CORNERS TO R0.050"

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES.
 TOLERANCES ARE:
 FRACTIONS .XX 0.02 .XXX 0.005
 DECIMALS .XX 0.02 .XXX 0.005
 ANGLES 1 DEG

Title: PCB, 10Fxxx PROGRAMMING ADAPTER		
Size	 04-01793	Rev
B	MICROCHIP	1
Date: {Date}	Englan Lao	
Filename: 05-01793R1.pcb	Drawn by P. FORTON	
	Sheet:	of

**Label Information**

Label Size: 0.5" x 2.0"

Text Size

Need Help? (8pt, Bold)

Assembly Number, Serial Number, Revision: (7pt)

Development Systems Info Line (7pt)

1-800-755-2345 or 480-792-7302 (7pt)

Graphics

Microchip Logo provided as a true type font. (~24pt)

Label Data

Need Help? (10pt, Bold, Centered)

www.microchip.com (8pt, centered)

1-800-755-2345 or 480-792-7302 (8pt, Centered)

Assy# (9pt, Left)

Serial# (9pt, Right)

Part Number

Part Number of the assembly that calls out the label

Revision

R1 - Revision of the assembly that calls out the label

Serial Number:

JIT- Manufacturer ID

95 - Year (95....)

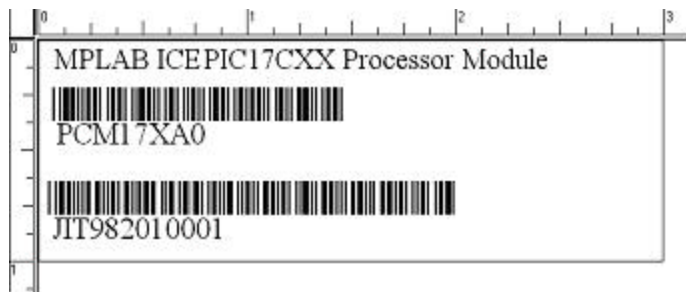
28 - Work week product shipped (01-52)

1 - Lot number (1-9)

0001 - Sequence Piece Number (0001 - 9999) Starts over with each new lot number.

Location

The 08-00126 label is to be located on the assembly that calls out the label.



Label Information

Label Size: 1" x 3" (Deviations need to be approved by Microchip)
Brady: THT-18-423-3

Text (Times New Roman)

Product Description: ~10 Point

Part Number Data, Serial Number Data: 10 Point

Part Number & Description are provided in the header area of the 14-xxxxx final assembly BOM for the product that this label will be attached to.

Barcode Information

Barcode is **Code 39** format (3 of 9)

Barcode Height is 0.150"

Ratio is 2.5:1 (Deviations need to be approved by Microchip)

Density is 5.29 cpi (Deviations need to be approved by Microchip)

Text is Times New Roman (Deviations need to be approved by Microchip)

Serial Number:

JIT- Manufacturer ID

95 - Year (95....)

28 - Work week product shipped (01-52)

1 - Lot number (1-9)

0001 - Sequence Piece Number (0001 - 9999) Starts over with each new lot number.

Graphics

None

Location

This label is attached to the outside of the cardboard product case. This label **should not** be attached to the top or bottom of the product case.

Vendor to insure that the serial number corresponds to the serial number assigned to the main electro-mechanical assembly contained in this product case. Except this label drops off the last two characters representing the rev level of the main assembly.
