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A World Leader in Supplying
8-, 16- and 32-bit In-circuit Emulators

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Emulator to Target Adapters and Accessories

100-Pin Adapters

Part Number	Microcontroller used with				
ET/EPP-100-QF49W	16S2				
EMUL16/300-PC/ADP-EVO	167V1				

100-pin adapter	An adapter to solder to 100-pin QFP surface mount device pads with 0.5mm pitch. Used with the 16S2 CPU.	ET/EPP-100-QF49W
100-pin adapter	An active adapter to be used for 68HC16V1 with POD-16Z1. Requires a 44-pin PLCC socket in the target. Used with the 167V1 CPU.	EMUL16/300-PC/ADP-EVO

120-Pin Adapters

Part Number	Microcontroller used with				
EMUL16/300-PC/AX5120QF05W	16X1/916X1				
EMUL16/300-PC/EPP120-F70-C/DSM	16X1/916X1				

120-pin adapter top	The top portion of an adapter to plug into a 120-pin QFP socket. To complete the adapter, the bottom half (EMUL16/300-PC/EPP120-F70-C/DSM) is needed and it is listed below. Used with the 16X1/916X1 CPU.	EMUL16/300-PC/AX5120QF05W
120-pin adapter bottom	The bottom portion of the adapter listed above (EMUL16/300-PC/AX5120QF05W). Used with the 16X1/916X1 CPU.	EMUL16/300-PC/EPP120-F70-C/DSM

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Emulator to Target Adapters and Accessories (Continued)

132-Pin and 133-Pin Adapters

Part Number	Microcontroller used with						
ET/EP5-132-QF03T	16Z/16Z2	331	332	334	336		
ET/EPP-132-QF03-LG	16Z/16Z2	331	332	334	336		
EMUL16/300-PC/QFP132CLIP	16Z/16Z2	331	332	334	336		
EMUL16/300-PC/ADP-332PGA	331	332			336		
SAMTEC/SSQ-117-03-GD	16X1/ 916X1	16Z1/16Z2	CM16Z1/ CK16Z1	331	332	334	336

132-pin adapter	An adapter to plug into a 132-pin TEXTOOL socket. (3M/TEXTOOL P/N 2-0132-07244-075-018-007)	**ET/EP5-132-QF03T**
132-pin QFP adapter	An adapter to solder to 132-pin Quad flat pack (QFP) surface-mount device (SMT) pads with 0.025 inch pitch.	**ET/EPP-132-QF03-LG**
132-pin QFP adapter	A clip-over adapter for a 132-pin Quad flat pack (QFP) surface-mount device (SMT) with 0.025 inch pitch.	**EMUL16/300-PC/QFP132CLIP**
132-pin adapter	An adapter to plug into a 132-pin PGA socket.	**EMUL16/300-PC/ADP-332PGA**
34-pin extender	A 34-pin (2 x 17) extender strip to raise the height of the pod. Sold individually; use four strips per layer. Each layer of four strips elevates the pod approximately 0.5 inches (12mm).	**SAMTEC/SSQ-117-03-GD**

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Emulator to Target Adapters and Accessories (Continued)

144-Pin and 145-Pin Adapters

Part Number	Microcontroller used with:						
EMUL16/300-PC/ADP-144-065-SM	340						
EMUL16/300-PC/ADP-144-050-SM	338						
EMUL16/300-PC/ADP-16Z1-SQFP	16Z1/16Z2	CM16Z1/ CK16Z2					
EMUL16/300-PC/ADP-332-SQFP	331	332					
EMUL16/300-PC/ADP-340PGA	340						
EMUL16/300-PC/ADP-340-050-SM	340						
ET/CLIP-144-QF10-BC	340						
ES/110-1240-00	332						

144-Pin PQFP adapter	An adapter to solder to 144-pin PQFP surface mount device (SMD) pads with 0.65mm pitch.	**EMUL16/300-PC/ ADP-144-065-SM**
144-Pin TQFP adapter	An adapter to solder to 144-pin TQFP surface mount device (SMD) pads with 0.50mm pitch. This adapter is not for use with POD-340.	**EMUL16/300-PC/ ADP-144-050-SM**
144-Pin TQFP adapter	An adapter to solder to the pads in place of the 144-pin TQFP (thin QFP) SMD with 0.50mm pitch.	**EMUL16/300-PC/ ADP-16Z1-SQFP**
144-Pin QFP adapter	An adapter to solder to the pads in place of the 144-pin Small QFP SMD with 0.50mm pitch.	**EMUL16/300-PC/ ADP-332-SQFP**
144-Pin adapter	An adapter to plug into a 144-pin PGA socket.	**EMUL16/300-PC/ ADP-340PGA**
144-Pin TQFP adapter	An adapter to solder to a 44-pin TQFP (thin QFP), with 0.50mm pitch.	**EMUL16/300-PC/ ADP-340-050-SM**
Clip-over QFP adapter	A clip-over adapter for a 144-pin QFP SMD with 0.65mm pitch.	**ET/CLIP-144-QF10-BC**
Clip-over adapter	A clip-over adapter for the 68332. 144-pin PQFP with 0.50mm pitch.	**ES/110-1240-00**

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Emulator to Target Adapters and Accessories (Continued)

160-Pin adapters

Part Number	Microcontroller used with						
ET/EPP-160-QF07-W	16Y1/916 Y1	333	336	341	376		
ET/EPP-160-QF07-SM	16Y1/916 Y1	333	336	341	376		
ET/CLIP-160-QF07-B	16Y1/916 Y1	333	336	341	376		
SAMTEC/SSQ-120-036D	16Y1/916 Y1	333	336	341	376		

160-pin QFP adapter	An adapter that solders to 160-pin QFP surface mount device (SMD) pads. It includes one solder down base, part # ET/EPP-160-QF07-SM. Additional bases are available separately.	**ET/EPP-160-QF07-W**
160-pin adapter base	An additional solder down base for part # ET/EPP-160-QF07-W.	**ET/EPP-160-QF07-SM**
Clip-over QFP adapter	A clip-over adapter for 160-pin plastic QFP SMD. Not recommended for ceramic packages.	**ET/CLIP-160-QF07-B**
Extenders	A 40-pin (2 X 20) extender strip to raise the height of the pod. Sold individually; use four strips per layer. Each layer of four strips elevates the pod approximately 0.5 inches (12mm).	**SAMTEC/SSQ-120-036D**

Accessories

Set of isolator strips	A set of four isolator strips that can be inserted between the pod and the adapter, with individual DIP switches for each pin. This is useful for diagnosing signal conflicts between the pod and the target.	**EMUL–PC/ISO–160**
5-foot replacement cable	Replacement 5-foot pod cable.	**EMUL–PC/CBL5–A**
6-amp power supply	6-amp power supply. Required with EMUL16/EPC and EMUL300/EPC if 200mA is not available from target supply.	**CUP4510SHORT**