

FFMCSL COMPACT-ICE CROSS REFERENCE

DEVICE FAMILY	POWER SUPPLY PS5V1-2A0	COMPACT ICE MSE1001C	PROBE CABLE MB2144 -201	PROBE CABLE MB2144 -202	PROBE CABLE MB2144 -203	EVAL OTP ADAPTER MSE1036	PROBE HEADER No.	HEADER PRICE	PIGGYBACK NUMBER	PIGGY/ PROBE FOOTPRINT =MASK FOOTPRINT?	FOOTPRINT ADAPTER NUMBER(S)
MB89120PFM/APFM	X	X			X				MB89PV130ACF ^	YES	
MB89120PFV/APFV	X	X			X				MB89PV130ACF ^	NO	48QF-48SQF-8L-UP + 48QF-48SQF-8L-DWN
MB89130PFM/APFM	X	X			X				MB89PV130ACF	YES	
MB89140-VxP-SH	X	X	X						MB89PV140-10xC-SH	YES	
MB89140-VxPF	X	X		X					MB89PV140-101CF	YES	
MB89143AP-SH	X	X	X						MB89PV140-10xC-SH^	YES	
MB89150PF	X	X		X					MB89PV150-10xCF	YES	
MB89150PFM	X	X		X					MB89PV150-10xCF	NO	80QF-80QF2-8L-UP + 80QF-QF2-8L-DWN
MB89150PFV	X	X		X					MB89PV150-10xCF	NO	NONE AVAILABLE
MB89150APF	X	X		X					MB89PV150-10xCF ^	YES	
MB89150APFM	X	X		X					MB89PV150-10xCF ^	NO	80QF-80QF2-8L-UP + 80QF-QF2-8L-DWN
MB89150APFV	X	X		X					MB89PV150-10xCF ^	NO	NONE AVAILABLE
MB89160PF	X	X		X					MB89PV160-10xCF	YES	
MB89160PFM	X	X		X					MB89PV160-10xCF	NO	80QF-80QF2-8L-UP + 80QF-QF2-8L-DWN
MB89160PFV	X	X		X					MB89PV160-10xCF	NO	NONE AVAILABLE
MB89160APF	X	X		X					MB89PV160-10xCF ^	YES	
MB89160APFM	X	X		X					MB89PV160-10xCF ^	NO	80QF-80QF2-8L-UP + 80QF-QF2-8L-DWN
MB89160APFV	X	X		X					MB89PV160-10xCF ^	NO	NONE AVAILABLE
MB89170PF	X	X			X				MB89PV170ACF	YES	
MB89180PF	X	X		X					MB89PV180-10xCF	YES	
MB89180PFM	X	X		X					MB89PV180-10xCF	NO	NONE AVAILABLE
MB89180PFV	X	X		X					MB89PV180-10xCF	NO	NONE AVAILABLE

^ = use Piggyback from different family

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MB89190P	X	X			X				MB89PV190-101CF	NO	48QF-28DP-8L
MB89190P-SH	X	X			X				MB89PV190-101CF	NO	48QF-28SD-8L
MB89190PF	X	X			X				MB89PV190-101CF	NO	48QF-28SOP-8L
MB89190AP	X	X			X				MB89PV190A-201CF	NO	48QF-28DP-8L
MB89190AP-SH	X	X			X				MB89PV190A-201CF	NO	48QF-28SD-8L
MB89190APF	X	X			X				MB89PV190A-201CF	NO	48QF-28SOP-8L
MB89530P-SH/HP-SH	X	X	X						MB89PV530C-SH	YES	
MB89530PF/HPF	X	X		X					MB89PV530CF	YES	
MB89530PFM/HPFM	X	X	X						MB89PV530C-SH	NO	64SD-64QF2-8L
MB89530PFV/HPFV	X	X	X						MB89PV530C-SH	NO	64SD-64SQF-8L
MB89550APFV	X	X			X				MB89PV550CF	YES	
MB89550APFT	X	X			X				MB89PV550CF	NO	100SQF-100TQF-8L
MB89560PF	X	X		X					MB89PV560CF	YES	
MB89560PFM	X	X		X					MB89PV560CF	NO	80QF-80QF2-8L-UP + 80QF-QF2-8L-DWN
MB89560PFV	X	X		X					MB89PV560CF	NO	NONE AVAILABLE
MB89580PFV	X	X				X	MB2144-217-01*	X	n/a	YES	
MB89600RPFV	X	X		X					MB89PV620C-SH ^	NO	NONE AVAILABLE
MB89610RP-SH	X	X	X						MB89PV620C-SH ^	YES	
MB89610RPF	X	X		X					MB89PV620CF ^	YES	
MB89610RPFM	X	X	X						MB89PV620C-SH ^	NO	64SD-64QF2-8L
MB89610RPFV	X	X	X						MB89PV620C-SH ^	NO	64SD-64SQF-8L
MB89620RP-SH	X	X	X						MB89PV620C-SH	YES	
MB89620RPF	X	X		X					MB89PV620CF	YES	
MB89620RPFM	X	X	X						MB89PV620C-SH	NO	64SD-64QF2-8L
MB89620RPFV	X	X	X						MB89PV620C-SH	NO	64SD-64SQF-8L

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MB89630RP-SH	X	X	X						MB89PV630-10xC-SH	YES	
MB89630RPF	X	X		X					MB89PV630-10xCF	YES	
MB89630RPFM	X	X	X						MB89PV630-10xC-SH	NO	64SD-64QF2-8L
MB89640PF	X	X		X					MB89PV640CF	YES	
MB89640PFM	X	X		X					MB89PV640CF	NO	80QF-80QF2-8L-UP + 80QF-QF2-8L-DWN
MB89650ARPF	X	X			X				MB89PV650ACF	NO	100SQF-100QF-8L
MB89650ARPFV	X	X			X				MB89PV650ACF	YES	
MB89660RP-SH	X	X				X	MB2144-216-01*	X	n/a	YES	
MB89660RPF	X	X				X	MB2144-215-01*	X	n/a	YES	
MB89670R/670ARPF	X	X		X					MB89PV670ACF	YES	
MB89670R/670ARPFM	X	X		X					MB89PV670ACF	NO	80QF-80QF2-8L-UP + 80QF-QF2-8L-DWN
MB89680PF	X	X		X					MB89PV680CF	YES	
MB89810APF	X	X				X	MB2144-214-01*	X	n/a	YES	
MB89820PFM	X	X		X					MB89PV820CF	NO	NONE AVAILABLE
MB89850RP-SH	X	X				X	MB2144-212-01A*	X	n/a	YES	
MB89860PF	X	X				X	MB2144-211-01A*	X	n/a	YES	
MB89863PF	X	X				X	MB2144-212-01A*	X	n/a	NO	64SD-48QF-8L
MB89890PF	X	X		X					MB89PV890CF	YES	
MB89910P-SH	X	X	X						MB89PV910-10xC-SH	NO	64SD-48SD-8L2
MB89920PF	X	X		X					MB89PV920CF	YES	
MB89930APF	X	X			X				MB89PV930ACF	NO	48QF-30SOP-8L
MB89940PF	X	X			X				MB89PV940CF	YES	
MB89950PFM	X	X		X					MB89PV950CF	YES	
MB89960PF (48 pin)	X	X			X				MB89PV960CF	YES	
MB89960PFM (48 pin)	X	X			X				MB89PV960CF	NO	NONE AVAILABLE
MB89960PFV (48 pin)	X	X			X				MB89PV960CF	NO	48QF-48SQF-8L-UP + 48QF-48SQF-8L-DWN
MB89960PFV (64 pin)	X	X			X				MB89PV960CF	NO	NONE AVAILABLE

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MB89980PFM	X	X		X					MB89PV980-x01CF	NO	NONE AVAILABLE
MB89980PFV	X	X		X					MB89PV980-x01CF	NO	NONE AVAILABLE
MB89990P-SH	X	X			X				MB89PV190-101CF^	NO	NONE AVAILABLE
MB89990PF	X	X			X				MB89PV190-101CF^	NO	48QF-28SOP-8L

CLCC EPROMs for QFP PIGGYBACKS

PIGGYBACK	EPROM	PROGRAM. ADAPTER
Using MB2144-202	MBM27C256A-20TV	ROM-32LC-28DP-YG
Using MB2144-202	MBM27C512-20TV	ROM-32LC-28DP-YG
Using MB2144-203	MBM27C256A-20TVM	ROM-32LC-28DP-S

*** Additional TQ-PACKS and SOCKETS etc.
for PROBE HEADERS (one set already included)**

PROBE HEADER	PART NUMBER
MB2144-211-01A	TQ-PACK080RA TQ-SOCKET080RAG
MB2144-212-01A	IC83-64075-GS4
MB2144-214-01A	TQ-PACK064RZ TQ-SOCKET064RZG
MB2144-215-01	TQ-PACK064RZ TQ-SOCKET064RZG
MB2144-216-01	IC83-64075-GS4
MB2144-217-01	TQ-PACK064SD TQ-SOCKET064SDW

KITS AND BOARDS

STARTERKITS
MB89940DEMOBOARD

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