

PRODUCT CHANGE NOTICE

**Refer to:
PCN00067**

Date: 8/25//00

**Intersil's Agreement with ChipPAC
Notice of Qualification of ChipPAC Sites for Commercial SOIC, PLCC and
PDIP Products**

August 25, 2000

To: Our Valued Intersil Customers

Subject: **Intersil's Agreement with ChipPAC
Notice of Qualification of ChipPAC Sites for Commercial SOIC, PLCC and PDIP
Products**

This change notice is a follow-up to the July 19th, 2000 notice (PCN00061) Intersil distributed to inform our customers of a multi-year supply agreement with ChipPAC, specifically that:

- Intersil had sold the Kuala Lumpur, Malaysia based semiconductor assembly and test operations to ChipPAC.
- ChipPAC would supply Intersil with services on a subcontract basis.

As Intersil indicated in our previous letter, this agreement offers our company access to new packaging technologies. ChipPAC offers a wide array of packaging, from basic 6-pin to 2000-pin BGA/CSP and leaded packages. All ChipPAC facilities are ISO9000, QS9000 and ISO14001 certified. The Kuala Lumpur, Malaysia facility will maintain systems compliant to MIL-PRF-19500 and MIL-PRF-38535. In addition, they will maintain certification to MIL-PRF-19500.

In the next few months, Intersil plans to qualify ChipPAC's Shanghai, China and Ichon, Korea facilities as alternate assembly sites.

This letter provides specific information on the qualification of these sites and the usage as alternate sites for the assembly of Intersil's commercial SOIC, PLCC and PDIP products. Product testing and shipping will continue to be performed at ChipPAC's Kuala Lumpur facility. Specific products affected, alternate sites, site codes and assembly material sets at the alternate sites are listed in this notice.

The projected date for completion of these qualifications is November 1, 2000. As indicated in our first notice on this subject, it is targeted that thirty days after completion of qualification, Intersil will have the option to initiate shipment of materials assembled at the newly qualified sites. Assembly sites are identified by the country code on the product. As always, where prior approval has been previously negotiated with Intersil, shipments of products assembled at the alternate sites cannot be made until approval has been granted.

Customers may be sure that Intersil will take all necessary actions to conform to customer requirements and to ensure the continued high quality and reliability of Intersil products. When qualifications have been completed, reliability data will be available upon request.

Please contact your Regional Sales Office if you wish additional information at this time. If you prefer, you may contact our Intersil Hot Line, at 1-888-468-3774, if in the United States or 1-321-724-7143 if outside the United States.

Joan C. Sherman

Package Type: SOIC

Alternate Assembly Site: ChipPAC, Shanghai, China

Assembly Site Code: P

Material set:

Die attach material: Ablestik 84-1LMIS
 Mold Compound: Sumitomo 6600
 Lead frame: Copper

**SOIC Products Qualified:
 8, 14, 16 lead**

CA0124M	CA3082M96	CA3183M96	DG308ACY
CA0124M96	CA3083M	CA3227M	DG308ACY-T
CA0139M	CA3083M96	CA3227M96	DG401DY
CA0158M	CA3086M	CA3246M	DG401DY-T
CA0224M	CA3086M96	CA3246M96	DG403DY
CA0224M96	CA3094BM	CA3246M96136	DG403DY-T
CA0239M	CA3094M	CA3304AM	DG403DY-TS2404
CA0239M96	CA3096AM	CA3304M	DG405DY
CA0258M	CA3096AM96	CA3304M96	DG408DY
CA0258M96	CA3096CM96	CA3338AM	DG408DY-T
CA0258M96S2463	CA3096M	CA3338AM96	DG409DY
CA0324M	CA3096M96	CA3338M	DG409DY-T
CA0324M96	CA3102M	CA3338M96	DG411DY
CA0339M	CA3102M96	CA3338MS2075	DG411DY-T
CA0339M96	CA3102MS2536	CA5130AM96	DG412DY
CA0358M96	CA3127M	CA5160M96	DG412DY-T
CA3039M	CA3127M96	CA5260AM	DG413DY
CA3046M	CA3127M96136	CA5260AM96	DG413DY-T
CA3046M96	CA3127MR2499	CA5260M	DG441DY
CA3046M96S2259	CA3130AM	CA5260M96	DG441DY-T
CA3046M96S2338	CA3130AM96	CA5420AM	DG442DY
CA3046M96S2463	CA3130M	CA5470M	DG442DY-T
CA3046M96S5001	CA3130M96	CA5470M96	DG444DY
CA3046MS2534	CA3140AM	CDP68HC68P1M	DG444DY-T
CA3054M96	CA3140AM96	CDP68HC68P1M96	DG444DY-TS2074
CA3078AM	CA3140M	CDP68HC68T1M2	DG444DY-TS2581
CA3078M	CA3140M96	CDP68HC68T1M296	DG445DY
CA3080AM	CA3140R1167	CDP68HC68W1M	DG445DYR4546
CA3080AM96	CA3146AM	DG201ACY	DG445DY-T
CA3080M	CA3146AM96	DG211CY	DG508ACY
CA3080M96	CA3146M	DG211CYT	DG509ACY
CA3080MS2222	CA3146M96	DG212CY	HA4201CB
CA3081M	CA3146M96S2075	DG212CYT	HA4201CB96
CA3081M96	CA3183AM96	DG303ABY-T	HA4244CBR3944
CA3082M	CA3183M	DG303ACY	HA4314BCB

SOIC Products Qualified: (Continued)
8, 14, 16 lead

HA4314BCB96	HA9P5020-9	HFA1120IB	HI3338KIB
HA4344BCB	HA9P5101-5	HFA1130IB	HI9P0201-5
HA4344BCB96	HA9P5104-9	HFA1130IB96	HI9P0201-596
HA4344BCB96S2492	HA9P5127-5	HFA1135IB	HI9P0201-9
HA4404BCB	HA9P5127R2546-96	HFA1135IB96	HI9P0201HS-5
HA4404BCB96	HA9P5137B4738	HFA1145IB	HI9P0201HS-9
HA4600CB	HA9P5147-9	HFA1149IB	HI9P0301-5
HA4600CB96	HA9P5147-9X96	HFA1150IB	HI9P0303-5
HA5013IB	HA9P5147-9X96S2534	HFA1150IB96	HI9P0303-9
HA5022IB	HA9P5195-5	HFA1155IB	HI9P0508-5
HA5023IB	HA9P5221-5	HFA1155IB96	HI9P0508-596
HA5023IB96	HA9P5320-5	HFA1205IB	HI9P0508-9
HA5025IB	HA9P5320-9	HFA1205IB96S2558	HI9P0509-5
HA5351IB	HA9P5340-5	HFA1212IB	HI9P0548-5
HA7210IB	HAA9P-50595R3171	HFA1305IB	HI9P0548-9
HA7210IB96	HAA9P-50652R2845	HFA1305IB96	HI9P0549-5
HA9P2425-5	HC75810IB	HFA1405IB	HI9P0549-9
HA9P2444-5	HCA10007	HFA1405IB96	HI9P5043-5
HA9P2444-5R4849	HCA10009	HFA1412IB	HI9P5051-9
HA9P2525-5	HCA10011	HFA3046B	HI9P5051-9S2485
HA9P2546-5	HCA10012	HFA3046B96	HIN14C89ECBN
HA9P2556-9	HCA10013	HFA3046B96S2463	HIN201CB
HA9P2625-5	HCA10014	HFA3096B	HIN201CB-T
HA9P2625-9	HFA1100IB	HFA3096B96	HIN201IB
HA9P2841-5	HFA1100IB96	HFA3101B	HIN201IB-T
HA9P2841-5X96	HFA1103IB	HFA3101B96	HIN202ACB
HA9P2842-5	HFA1105IB	HFA3101B96S2534	HIN202ACBN
HA9P2850-5	HFA1105IB96	HFA3102B	HIN202ACBN-T
HA9P4741-9	HFA1109IB	HFA3102B96	HIN202ACB-T
HA9P4905-5	HFA1110IB	HFA3127B	HIN202CB
HA9P5002-5	HFA1112IB	HFA3127B96	HIN202CBN
HA9P5002-5X96	HFA1112IB96	HFA3128B	HIN202CBN-T
HA9P5002-9	HFA1113IB	HFA3128B96	HIN202CBN-TS5001
HA9P5020-5	HFA1114IB	HFA3600IB	HIN202CB-T
HA9P5020-5X96	HFA1115IB	HI3304JIB	HIN202ECB

SOIC Products Qualified: (Continued)
8, 14, 16 lead

HIN202ECBN	HIP1011CB-TS5001	HIP6008CB-T	HIP6603CB
HIN202ECBN-T	HIP1012ACB	HIP6008CB-TS2557	HIP6603CB-T
HIN202EIB	HIP1012ACB-T	HIP6009CB	HIP7010B
HIN202EIBN	HIP1012ACB-TS2490	HIP6009CB-T	HIP7010B96
HIN202EIBN-T	HIP1012CB	HIP6011CB	HIP7020AB
HIN202EIB-T	HIP1012CB-T	HIP6011CB-T	HIP7020ABT
HIN202IB	HIP1012CB-TS2490	HIP6012CB	HIP7020ABTS
HIN202IBN	HIP1013CB	HIP6012CBS2462	HIP9021B
HIN202IB-T	HIP1013CB-T	HIP6012CB-T	HSP50306SC-25
HIN204CB	HIP1015CB	HIP6013CB	HSP50306SC-2596
HIN204CB-T	HIP1015CB-T	HIP6013CBS2557	HSP50306SC-27
HIN204IB	HIP1016CB	HIP6013CB-T	HSP50306SC-2796
HIN231CB	HIP1016CB-T	HIP6013CB-TS2557	ICL232CBE
HIN231IB	HIP2100IB	HIP6200CB	ICL232CBES2535
HIN232ACB	HIP2100IBS2592	HIP6200CB-T	ICL232CBET
HIN232ACBN	HIP2100IBT	HIP6201CB	ICL232CBETS2497
HIN232ACBN-T	HIP2100IBTS2075	HIP6201CB-T	ICL232IBE
HIN232ACB-T	HIP2100IBTS2592	HIP6302CB	ICL232IBET
HIN232CB	HIP2100IBTS5001	HIP6302CB-T	ICL232IBETS2404
HIN232CB-T	HIP2101IB	HIP6304CB	ICL3232CB
HIN232ECB	HIP2101IBT	HIP6304CB-T	ICL3232CB-T
HIN232ECBN	HIP2106IB	HIP6501ACB	ICL3232ECB
HIN232IB	HIP2106IBT	HIP6501ACB-T	ICL3232ECB-T
HIN234CB	HIP4082IB	HIP6501CB	ICL7611DCBA
HIN234IB	HIP4082IBS2599	HIP6501CB-T	ICL7611DCBA-T
HIP1011ACB	HIP4082IBT	HIP6601ACB	ICL7612DCBA
HIP1011ACB-T	HIP4083AB	HIP6601ACB-T	ICL7612DCBAS2532
HIP1011BCB	HIP6003CB	HIP6601CB	ICL7612DCBA-T
HIP1011BCB-T	HIP6003CB-T	HIP6601CB-T	ICL7612DCBA-TR2207
HIP1011CB	HIP6006CB	HIP6602ACB	ICL7612DCBA-TS2534
HIP1011CB-T	HIP6006CB-T	HIP6602ACB-T	ICL7621DCBA
HIP1011CB-TS2490	HIP6007CB	HIP6602CB	ICL7621DCBAR4297
HIP1011CB-TS2495	HIP6007CB-T	HIP6602CB-T	ICL7621DCBA-T
HIP1011CB-TS2541	HIP6008CB	HIP6603ACB	ICL7621DCBA-TS2463
HIP1011CB-TS2568	HIP6008CBS2557	HIP6603ACB-T	ICL7650SCBA-1

SOIC Products Qualified:
(Continued)
8, 14, 16 lead

ICL7650SCBA-1T	ICL7665SCBA-T
ICL7660ACBA	ICL7665SCBA-TS2490
ICL7660ACBA-T	ICL7665SIBA
ICL7660AIBA	ICL7665SIBA-T
ICL7660AIBA-T	ICL7667CBA
ICL7660AIBA-TS2380	ICL7667CBA-T
ICL7660CBA	ICL7673CBA
ICL7660CBA-T	ICL7673CBA-T
ICL7660CBA-TS2380	ICL8069CCBA
ICL7660SCBA	ICM7242CBA
ICL7660SCBA-T	ICM7555CBA
ICL7660SCBA-T137	ICM7555CBA-T
ICL7660SCBA-TS2075	ICM7555IBA
ICL7660SCBA-TS2093	ICM7555IBAT
ICL7660SIBA	ICM7555IBATS2463
ICL7660SIBAT	ICM7555IBATS2497
ICL7660SIBA-T167	IH5043CY
ICL7660SIBATS2463	ITS61247
ICL7660SIBATS5001	LM2901M96
ICL7662CBD	LM2902M96
ICL7662CBD-O	LM3302M96
ICL7662CBDT	
ICL7662IBD	
ICL7663SACBA	
ICL7663SACBA-T	
ICL7663SAIBA	
ICL7663SCBA	
ICL7663SCBA-T	
ICL7663SIBA	
ICL7663SIBA-T	
ICL7665SACBA	
ICL7665SACBA-T	
ICL7665SAIBA	
ICL7665SAIBA-T	
ICL7665SCBA	

SOIC Products Qualified:
(Continued)
20, 24, 28 lead

13502	CDP68HC68T1M	HC55150CB	HI5703KCB
136034	CDP68HC68T1M96	HC55171BIB	HI5703KCB-T
136034AR4466	CM82C59A-12	HC55171CB	HI5714/4CB
CA3089M1	DG406DY	HC55171IB	HI5714/4CBR4382
CA3126M1	DG406DY-T	HC5517BCB	HI5714/4CBS2503
CA3252M	DG406DY-TS5001	HC5517BCB96S2495	HI5714/4CB-T
CA3262AM	DG407DY	HC5517CB	HI5714/6CB
CA3262AM/5	DG506ACJ	HC5517CB96	HI5714/6CBS2503
CA3262AM96	DG506ACY	HC5517CB96S2478	HI5714/7CB
CA3262AM96/5	DG507ACY	HC5517IB	HI5714/7CBS2503
CA3272AM	HA5024IB	HC6130IB	HI5714/7CB-T
CA3272AM/5	HAA9P-51123R3493-96	HC9P5502B-5	HI5714/7CB-TR4811-1
CA3272AM96	HAA9P-51529R3563	HC9P5502B-5X6176	HI5714/7CB-TR4811-2
CA3272AM96/5	HAA9P-51529R3563-96	HC9P5502X	HI5714/7CB-TR4811-3
CA3292AM	HAA9P-51529R3563A	HC9P5504B-5	HI5714/7CB-TR4811-4
CA3292AM/5	HAA9P-51529R3563A-96	HC9P5504B-5X96	HI5714/8CB
CA3292AM96	HAA9P-51635R2869	HC9P5504B-5X96S2570	HI5714/8CB-T
CA3292AM96/5	HAA9P-52181R4641	HC9P5504B-5X96X6176	HI5721BIB
CA3306CM	HC5503CB	HC9P5504X	HI5721BIBS2490
CA3306CM96	HC5503CB96	HC9P5504X96	HI5721BIBS2503
CA3306M	HC5503CBX6176	HC9P5509B3999-003	HI5721BIB-T
CA3306M96	HC5503CCB	HC9P5509B-5	HI5721BIB-TS2490
CA3310AM	HC5503CCBX6176	HC9P5509B96R4738	HI5721BIB-TS5001
CA3310M	HC5503PRCB	HC9P5509BR4738	HI5731BIB
CA3318CM	HC5503R4624-2	HC9P5524-5	HI5731BIBS2503
CA3318CMS2426	HC5503TCB	HCA10008	HI5731BIB-T
CDP1020M	HC5503TCB96S2591	HCA8001AIB	HI5735KCB
CDP65C51M1	HC5503TCBX6176	HCA8001IB	HI5735KCBS2503
CDP65C51M2	HC55120CB	HD9P6409-9	HI5741BIB
CDP65C51M4	HC55120IB	HI3306JIB/15	HI5741BIBS2503
CDP68HC68A2M	HC55121IB	HI5660IB	HI5741BIB-T
CDP68HC68A2M96	HC55130IB	HI5667/6CB	HI5746KCB
CDP68HC68A2MS2547	HC55140IB	HI5667/8CB	HI5746KCBR4748
CDP68HC68S1M	HC55142IB	HI5702JCB	HI5746KCBS2503
CDP68HC68S1M96	HC5514XB	HI5702KCB	HI5746KCB-T

SOIC Products Qualified:
(Continued)
20, 24, 28 lead

HI5760/6IB	HIN206ACB	HIN211IB	HIN241ACB
HI5760BIB	HIN206ACB-T	HIN213ACB	HIN241ACB-T
HI5760BIB-T	HIN206CB	HIN213ACB-T	HIN241CB
HI5760BIB-TS2463	HIN206CB-T	HIN213CB	HIN241CB-T
HI5766KCB	HIN206ECB	HIN213CB-T	HIN241ECB
HI5766KCBS2503	HIN206ECB-T	HIN213ECB	HIN241IB
HI5767/2CB	HIN206EIB	HIN213EIB	HIN241IB-T
HI5767/4CB	HIN206IB	HIN213IB	HIP0050IB
HI5767/4CB-T	HIN207ACB	HIN230CB	HIP0050IB96
HI5767/6CB	HIN207ACB-T	HIN230IB	HIP0051IB
HI5767/6CB-T	HIN207CB	HIN236ACB	HIP0051IBT
HI5767/6IB	HIN207CB-T	HIN236ACB-T	HIP0060AB
HI5804KCBS2503	HIN207ECB	HIN236CB	HIP0060ABT
HI5805BIB	HIN207ECB-T	HIN236CB-T	HIP0063AB
HI5805BIBS2503	HIN207EIB	HIN236ECB	HIP4020IB
HI5805BIB-T	HIN207EIB-T	HIN236ECB-T	HIP4080AIB
HI5808BIB	HIN207IB	HIN236IB	HIP4080AIBT
HI5808BIBR4499	HIN208ACB	HIN236IB-T	HIP4080IB
HI5808BIBS2503	HIN208ACB-T	HIN237ACB	HIP4080IBR3164
HI5810JIB-T	HIN208CB	HIN237ACB-T	HIP4081AIB
HI5810KIBS2503	HIN208CB-T	HIN237CB	HIP4081AIBT
HI5812JIB	HIN208ECB	HIN237CB-T	HIP4081AIBTS2462
HI5812JIBS2548	HIN208ECB-T	HIN237ECB	HIP4081IB
HI5812KIB	HIN208EIB	HIN237ECB-T	HIP4081IBR3161
HI5813KIB	HIN208EIB-T	HIN237IB	HIP4086AB
HI5860IB	HIN208IB	HIN238ACB	HIP4086ABT
HI5960IB	HIN209CB	HIN238ACB-T	HIP5020DB
HI7190IB	HIN209CB-T	HIN238CB	HIP51222DBS2294
HI7191IB	HIN209IB	HIN238CB-T	HIP51222DBS2322
HI9P0506-9	HIN211ACB	HIN238ECB	HIP52290DBR4834
HI9P0546-9	HIN211ACB-T	HIN238ECB-T	HIP52290DBR4837
HI9P0547-9	HIN211CB	HIN238IB	HIP6002CB
HIN200CB	HIN211CB-T	HIN239CB	HIP6002CB-T
HIN200CB-T	HIN211ECB	HIN239CB-T	HIP6004ACB

SOIC Products Qualified:
(Continued)
20, 24, 28 lead

HIP6004ACB-T	HIP6018CB-T	HIP6502BCB	ICL3238ECB-T
HIP6004ACB-TS2557	HIP6018CB-TS2557	HIP6502BCB-T	ICL3241CB
HIP6004BCB	HIP6018CB-TS2562	HIP6502BCB-TS2490	ICL3241CB-T
HIP6004BCB-T	HIP6019BCB	HIP6502CB	ICL3241ECB
HIP6004BCB-TS2589	HIP6019BCB-T	HIP6502CB-T	ICL3241ECB-T
HIP6004CB	HIP6019CB	HIP6503CB	ICL3243CB
HIP6004CBR4543	HIP6019CB-T	HIP6503CB-T	ICL3243CB-T
HIP6004CBS2462	HIP6020ACB	HIP9010AB	ICL3243ECB
HIP6004CB-T	HIP6020ACB-T	HIP9010ABS2584	ICL3243ECB-T
HIP6004CB-TR4543	HIP6020CB	HIP9010ABT	ICL3244CB
HIP6004CB-TS2490	HIP6020CB-T	HIP9011AB	ICL3244CB-T
HIP6004DCB	HIP6020CB-TS2490	HIP9011ABT	ICL3244ECB
HIP6004DCB-T	HIP6021ACB	HIP9020AB	ICL3244ECB-T
HIP6005ACB	HIP6021ACB-T	HSP43124SC-45	ICL3245CB
HIP6005ACB-T	HIP6021CB	HSP43124SI-40	ICL3245CB-T
HIP6005BCB	HIP6021CB-T	HSP45102R3406	ICL3245ECB
HIP6005BCB-T	HIP6021CB-TS2490	HSP45102SC-33	ICL3245ECB-T
HIP6005CB	HIP6027CB	HSP45102SC-3396	ICM7170AIBG
HIP6005CB-T	HIP6027CB-T	HSP45102SC-40	ICM7170AIBGT
HIP6014CB	HIP6028CB	HSP45102SC-4096	ICM7170IBG
HIP6014CB-T	HIP6028CB-T	HSP45102SI-33	ICM7170IBGT
HIP6015CB	HIP6301CB	ICL3207CB	ICM7228AIBI
HIP6015CB-T	HIP6301CB-T	ICL3207CB-T	ICM7228BIBI
HIP6016CB	HIP6301CB-TS2568	ICL3207ECB	ICM7228CIBI
HIP6016CB-T	HIP6303CB	ICL3207ECB-T	IH5352CBP
HIP6016CB-TR4783	HIP6303CB-T	ICL3217CB	ITS9267
HIP6017BCB	HIP6303CB-TS2585	ICL3217CB-T	
HIP6017BCB-T	HIP6311CB	ICL3217ECB	
HIP6017CB	HIP6311CB-T	ICL3217ECB-T	
HIP6017CB-T	HIP6500BCB	ICL3237CB	
HIP6018BCB	HIP6500BCB-T	ICL3237CB-T	
HIP6018BCB-T	HIP6500BCB-TS2490	ICL3237ECB	
HIP6018BCB-TS2490	HIP6500CB	ICL3237ECB-T	
HIP6018CB	HIP6500CB-T	ICL3238CB	
HIP6018CBS2557	HIP6500CB-TS2490	ICL3238CB-T	

Package Type: PDIP

Alternate Assembly Site: ChipPAC, Shanghai, China

Assembly Site Code: P

Material set:

Die attach material: Ablestik 84-1LMIS
 Mold Compound: Sumitomo 6300
 Lead frame: Copper

PDIP Products Qualified: All Lead Counts

90974	CA0324E	CA0324E	CA3130E
90986	CA0339E	CA0339E	CA3130EX
94791	CA0358AE	CA0358AE	CA3140AE
98332	CA0358E	CA0358E	CA3140E
100334	CA0723CE	CA0723CE	CA3140ER4398
100869	CA0723E	CA0723E	CA3140EX
100898	CA0741CE	CA0741CE	CA3146AE
130749	CA0741E	CA0741E	CA3146E
135003	CA1458E	CA1458E	CA3160AE
135758	CA1524E	CA1524E	CA3160E
135962	CA1558E	CA1558E	CA3161E
136032	CA2904E	CA2904E	CA3162AE
100037A	CA3046	CA3046	CA3162E
136032D	CA3054	CA3054	CA3183AE
AD7520JN	CA3078AE	CA3078AE	CA3183E
AD7521JN	CA3078E	CA3078E	CA3227E
AD7521LN	CA3080AE	CA3080AE	CA3240AE
AD7523JN	CA3080E	CA3080E	CA3240AE1
AD7533JN	CA3080ER2620	CA3080ER2620	CA3240E
AD7533LNS2503	CA3081	CA3081	CA3240EX
AD7541JN	CA3082	CA3082	CA3240R2188
AD7541KN	CA3083	CA3083	CA3242E
AD7545JN	CA3083R4339	CA3083R4339	CA3252E
AD7545KN	CA3086	CA3086	CA3260AE
ADC0802LCN	CA3089E	CA3089E	CA3260E
ADC0803LCN	CA3094AE	CA3094AE	CA3262AE
ADC0804LCN	CA3094E	CA3094E	CA3262AE/5
CA0124E	CA3096AE	CA3096AE	CA3262AER7029A
CA0139E	CA3096CE	CA3096CE	CA3262AER7029A/5
CA0158AE	CA3096E	CA3096E	CA3262E
CA0158E	CA3102E	CA3102E	CA3262E/5
CA0224E	CA3127E	CA3127E	CA3262ES2463
CA0224ES2463	CA3127ER2323	CA3127ER2323	CA3262ES2463/5
CA0239E	CA3127ER4102	CA3127ER4102	CA3275E
CA0258E	CA3130AE	CA3130AE	CA3275E/5

PDIP Products Qualified - All Lead Counts (Continued)

CA3280AE	CDP1852CE	CP82C55AS2529	DG442DJ
CA3280E	CDP1853CE	CP82C55AS2580	DG444DJ
CA3290AE	CDP1854ACE	CP82C59A	DG445DJ
CA3290E	CDP1855CE	CP82C59A-12	DG506ACJ
CA3304E	CDP65C51AE2	CP82C59A-5	DG507ACJ
CA3306CE	CDP65C51AE4	CP82C59AS2064	DG508ACJ
CA3306E	CDP65C51E1	CP82C59AS2065	DG509ACJ
CA3310E	CDP65C51E2	CP82C59AS2580	HA3-2405-5
CA3318CE	CDP6853E	CP82C84A	HA3-2406-5
CA3338AE	CDP68HC68A2E	CP82C84AS2064	HA3-2425-5
CA3338E	CDP68HC68P1E	CP82C84AS2580	HA3-2444-5
CA3420AE	CDP68HC68R2E	CP82C86H-5	HA3-2505-5
CA3420E	CDP68HC68S1E	CP82C86HS2064	HA3-2515-5
CA3524E	CDP68HC68T1E	CP82C88	HA3-2525-5
CA5130AE	CDP68HC68T1ER4826	CP82C88S2064	HA3-2539-5
CA5130E	CDP68HC68W1E	CP82C89	HA3-2540-5
CA5160E	CP80C86-2	CP82C89S2064	HA3-2540C-5
CA5260E	CP80C86-2S2580	DG201ACJ	HA3-2542-5
CA5470E	CP80C88	DG201CJ	HA3-2544C-5
CD22103AE	CP80C88-2	DG202CJ	HA3-2546-5
CD22103AER2487	CP82C37A	DG211CJ	HA3-2556-9
CD22103AES2463	CP82C37A-12	DG212CJ	HA3-2605-5
CD22103AES2558	CP82C37A-5	DG301ACJ	HA3-2625-5
CD22204E	CP82C37AB6005	DG303ACJ	HA3-2841-5
CD22M3493E	CP82C50A-5	DG308ACJ	HA3-2842-5
CD22M3494E	CP82C52	DG401DJ	HA3-4741-5
CD22M3494ES2501	CP82C54	DG403DJ	HA3-4905-5
CD74HC22106E	CP82C54-10	DG406DJ	HA3-5002-5
CD74HC22106ES2497	CP82C54-12	DG407DJ	HA3-5020-5
CDP1802ACE	CP82C54-12S2580	DG408DJ	HA3-5020-9
CDP1802BCE	CP82C54R2489	DG409DJ	HA3-5033-5
CDP1805ACE	CP82C55A	DG411DJ	HA3-5102-5
CDP1806ACE	CP82C55A-5	DG412DJ	HA3-5104-5
CDP1823CE	CP82C55AS2065	DG413DJ	HA3-5137A-5
CDP1824CE	CP82C55AS2490	DG441DJ	HA3-5142-5

PDIP Products Qualified - All Lead Counts (Continued)

HA3-5320-5	HD3-6409-9	HI3-0548-5	HIN202ECP
HA3-5330-5	HFA1100IP	HI3-0549-5	HIN202EIP
HA3-5340-5	HFA1105IP	HI3-1828A-5	HIN202IP
HA4314BCP	HFA1109IP	HI3-5043-5	HIN206ACP
HA4600CP	HFA1112IP	HI3-5051-5	HIN206CP
HA5013IP	HFA1114IP	HI3-574AJN-5	HIN206ECP
HA5023IP	HFA1115IP	HI3-574AKN-5	HIN206EIP
HA5024IP	HFA1130IP	HI3-674AJN-5	HIN206IP
HA5351IP	HFA1145IP	HI3-674AKN-5	HIN207ACP
HA7210IP	HFA1205IP	HI3-7159A-5	HIN207CP
HAA3-51127R3233	HFA1212IP	HI3-DAC80V-5	HIN207ECP
HC3-5502B-5	HFA1245IP	HI5721BIP	HIN207EIP
HC3-5502B-5X6176	HFA1405IP	HI5721BIPS2503	HIN207IP
HC3-5502BB4086-003	HFA1412IP	HI5721BIPS2534	HIN208ACP
HC3-5502X	HI3-0200-5	HI5731BIP	HIN208CP
HC3-5504B-5	HI3-0201-5	HI5731BIPS2503	HIN208ECP
HC3-5504B-5R2489	HI3-0201HS-5	HI5735KCP	HIN208EIP
HC3-5504B-5S2497	HI3-0222-5	HI5735KCPS2503	HIN208IP
HC3-5504B-5X6176	HI3-0303-5	HI5741BIP	HIN209CP
HC3-5504BR0633-102	HI3-0390-5	HI5741BIPS2503	HIN209IP
HC3-5504BR4741-102	HI3-0506-5	HI5810JIP	HIN231CP
HC3-5504X	HI3-0506A-5	HI5810KIPS2503	HIN231IP
HC3-5509B-9	HI3-0507-5	HI5812JIP	HIN232ACP
HC3-5560-5	HI3-0507A-5	HI5812JIPS2268	HIN232CP
HC3-5560-5S2064	HI3-0508-5	HI5812KIP	HIN232ECP
HC3-5560B3859	HI3-0508A-5	HI5812KIPS2267	HIN232IP
HCA10001	HI3-0508A-5S2463	HI7106CPL	HIN236ACP
HCA10002	HI3-0509-5	HI7133CPL	HIN236CP
HCA10003	HI3-0509A-5	HI7190IP	HIN236CPS2534
HCA10004	HI3-0516-5	HI7191IP	HIN236ECP
HCA10005	HI3-0518-5	HIN14C89ECP	HIN236IP
HCA10006	HI3-0524-5	HIN201CP	HIN237ACP
HD3-4702-9	HI3-0539-5	HIN201IP	HIN237CP
HD3-6402R-9	HI3-0546-5	HIN202ACP	HIN237ECP
HD3-6408-9	HI3-0547-5	HIN202CP	ICM7212AMIPL

PDIP Products Qualified - All Lead Counts (Continued)

HIN237IP	ICL3207CP	ICL7621SDCPA	ICM7216BIPI
HIN238ACP	ICL3207ECP	ICL7641ECPD	ICM7216DIPI
HIN238CP	ICL3222CP	ICL7642ECPD	ICM7217AIPI
HIN238ECP	ICL3222ECP	ICL7650SCPA-1	ICM7224IPL
HIN238IP	ICL3223CP	ICL7650SCPA-1R2207	ICM7226BIPL
HIN239CP	ICL3223ECP	ICL7650SCPD	ICM7228AIPI
HIN239IP	ICL3224CP	ICL7650SCPDR2207	ICM7228BIPI
HIP0050IP	ICL3224ECP	ICL7650SIPA-1	ICM7228CIPI
HIP2106IP	ICL3225CP	ICL7660ACPA	ICM7228DIPI
HIP4080AIP	ICL3225ECP	ICL7660AIPA	ICM7242IPA
HIP4080AIPR3165	ICL3232CP	ICL7660CPA	ICM7243BIPL
HIP4080IP	ICL3232ECP	ICL7660SCPA	ICM7555IPA
HIP4080IPR3163	ICL7104-16CPL	ICL7660SCPAR2207	ICM7555IPAR4305
HIP4081AIP	ICL7106CPL	ICL7660SIPA	ICM7555IPAS2535
HIP4081AIPFSM	ICL7107CPL	ICL7662CPA	ICM7555IPAS2536
HIP4081AIPS5000	ICL7107RCPL	ICL7662IPA	ICM7556IPD
HIP4081IP	ICL7107SCPL	ICL7663SACPA	ICM7556IPDS5001
HIP4081IPR3162	ICL7116CPL	ICL7663SAIPA	IH5043CPE
HIP4082IP	ICL7117CPL	ICL7663SCPA	IH5352CPE
HIP4082IPR4485	ICL7126CPL	ICL7663SIPA	IP80C86
HIP4082IPR4515	ICL7135CPI	ICL7665SACPA	IP80C86-2
HIP4083AP	ICL7135CPIS2064	ICL7665SAIPA	IP80C88
HIP4086AP	ICL7136CPL	ICL7665SCPA	IP80C88-2
HIP7010P	ICL7137CPL	ICL7665SIPA	IP80C88-2S2064
HIP7020AP	ICL71C03ACPI	ICL7667CPA	IP80C88S2064
HIP9020AP	ICL7611BCPA	ICL7673CPA	IP80C88S5001
HM3-6504-9	ICL7611DCPA	ICL8038CCPD	IP82C37A
HS3-3252K2143	ICL7612ACPAR2207	ICL8052ACPD	IP82C50A-5
HSP43124PC-45	ICL7612BCPA	ICL8211CPA	IP82C52
HSP45102PC-33	ICL7612DCPA	ICM7170AIPG	IP82C54
HSP45102PC-40	ICL7612DCPAS2532	ICM7170IPG	IP82C54-10
HSP9520CP	ICL7621ACPA	ICM7170IPG114	IP82C54-10S5001
HV400IP	ICL7621ACPAR2207	ICM7211AIPL	IP82C54-12
ICL232CPE	ICL7621BCPA	ICM7211AIPLR2207	IP82C55A
ICL232IPE	ICL7621DCPA	ICM7211AMIPL	IP82C55AS2064

PDIP Products Qualified - All Lead Counts (Continued)

IP82C55AS2065
IP82C59A
IP82C59AS2064
IP82C82
IP82C84AS2064
IP82C84AS5001
IP82C86H
IP82C87H
ITS61053
ITS61274
ITS80191
ITS80193
LM1458N
LM2901N
LM2902N
LM2904N
LM324N
LM3302N
LM339N
LM358N
LM723CN
LM741CN
LM741N
TA51612R4429

Package Type: PLCC (Two assembly sites qualified)

Alternate Assembly Site: ChipPAC, Shanghai, China

Assembly Site Code: P

Material set:

Die attach material: Ablestik 8361J
 Mold Compound: Sumitomo 6600 for 44 lead
 Sumitomo 6300 for 68 and 84 lead
 Lead frame: Copper

Alternate Assembly Site: Ichon, Korea

Assembly Site Code: M

Material set:

Die attach material: Ablestik 8361J
 Mold Compound: Sumitomo 6600 for 20, 28 and 44 lead
 Sumitomo 6300 for 68 and 84 lead
 Lead frame: Copper

PLCC Products Qualified: Both sites

130668	CS82C50A-596	HMU17JC-45	HSP50016JC-75
135946	CS82C55A	HS4P-3282R4648	HSP50016JI-52
100334N	CS82C55A-5	HSP43168JC-33	HSP50016JM-5296R3571
100411B	CS82C55A-596	HSP43168JC-40	HSP50016JM-52R3571
CD22M3493Q	CS82C55A96	HSP43168JC-45	HSP50110JC-52
CD22M3493Q96	CS82C55A96S2074	HSP43168JC-45S5001	HSP50110JI-52
CD22M3494MQ	CS82C55A96S2075	HSP43168JI-40	HSP50210JC-52
CD22M3494MQ96	CS82C55A96S2490	HSP43216JC-52	HSP50210JI-52
CD22M3494MQA	CS82C55A96S2497	HSP43220JC-15	HSP9501JC-25
CD22M3494MQA96	CS82C55A96S2580	HSP43220JC-25	HSP9501JC-2596
CD22M3494MQAS2554	CS82C55A96S5001	HSP43220JC-33	HSP9501JC-32
CD22M3494SQ	CS82C55AR2499	HSP43881JC-25	IS80C286-12
CS80C286-12	CS82C55AS2507	HSP43891JC-20	IS80C286-16
CS80C286-1296	CS82C55AS2532	HSP43891JC-25	IS80C286-20
CS80C286-1296S2490	HA456CM	HSP45106JC-25	IS80C86
CS80C286-16	HA457CM	HSP45106JC-25S2507	IS80C86-2
CS80C286-1696	HAA4P-50336DR4427	HSP45106JC-33	IS80C88
CS80C286-2096	HAA4P-51018R3328	HSP45106JI-25	IS82C237-12
CS80C286-20S2463	HAA4P-51194R3567	HSP45240JC-33	IS82C37A
CS80C286-25	HAA4P-51439R3489	HSP45240JC-50	IS82C37AS2292
CS80C86	HAA4P-51870R4402	HSP45256JC-25	IS82C50A-5
CS80C86-2	HAA-51017R3072	HSP45256JC-33	IS82C55A
CS80C86-2S2064	HC4P5509B-5	HSP45256JI-33	IS82C55A-5
CS80C88	HC4P5509B-596S2075	HSP48212JC-40	IS82C55A-596
CS80C88-2	HC4P5509B-9	HSP48410JC-33	IS82C55A96
CS80C8896S2490	HC4P5524-9	HSP48410JC-40	IS82C55A96S2580
CS82C37A	HIP7030A0	HSP48901JC-20	TA52054AR4620
CS82C37A-12	HMA510JC-45	HSP48901JC-30	
CS82C37A-1296	HMA510JC-55	HSP48908JC-20	
CS82C37A-596	HMU16JC-35	HSP48908JC-32	
CS82C37A96	HMU16JC-45	HSP50016JC-52	

CS82C37AB6009

HMU17JC-35

HSP50016JC-5296

Package Type: PLCC (One assembly site qualified)

Alternate Assembly Site: Ichon, Korea

Assembly Site Code: M

Material set:

Die attach material: Ablestik 8361J
 Mold Compound: Sumitomo 6600 for 20 and 28 lead
 Lead frame: Copper

PLCC Products Qualified: One site

100037B96	CS82C54R2499	HC4P5504BR0633-103	HC55171IM
CA3262AQ	CS82C54S2075	HC4P5504BR0633-104	HC5517BCM
CA3262AQ/5	CS82C59A	HC4P5504BR1862	HC5517CM
CA3262AQ96	CS82C59A-12	HC4P5504BR4741-103	HC5517CM96
CA3262AQ96/5	CS82C59A-1296	HC4P5504BR4741-104	HC5517IM
CA3262AQ96S2075	CS82C59A96	HC4P5504X	HC5517IM96
CA3262AQ96S2075/5	CS82C59A96S2580	HC4P5509A1R3060	HC55180CIM
CA3262AQ96S5001	CS82C59AS2075	HC5503CM	HC55180DIM
CA3262AQ96S5001/5	CS82C59AS2532	HC5503CM96	HC55180DIM96
CA3262AQR4697	CS82C84A	HC5503CMX6176	HC55181AIM
CA3262AQR4697/5	CS82C84A96	HC5503PRCM	HC55181AIM96
CA3262AQS2535	CS82C84AS2558	HC5503R4624-1	HC55181BIM
CA3262AQS2535/5	CS82C88	HC55120CM	HC55181CIM
CA3272AQ	CS82C88X96	HC55121IM	HC55181DIM
CA3272AQ/5	DG407DN	HC55130IM	HC55181DIM96
CA3272Q	HA4P2425-5	HC5513BIM	HC55182AIM
CA3272Q/5	HA4P5002-5	HC5513BIM96	HC55182BIM
CA3292AQ	HA4P5033-5	HC5513BIMX6176B	HC55182BIM96
CA3292AQ/5	HAA4P-50565R2633	HC5513IMR3307	HC55182CIM
CA3292AQ96	HAA4P-51019R3329	HC5513IMR4665	HC55182CIMR4809
CA3292AQ96/5	HAA4P-51019R3329-96	HC55140IM	HC55182DIM
CS82C5296	HC4P5502B-5	HC55142IM	HC55183ECM
CS82C54	HC4P5502B-596S2038	HC55142IM96	HC55183ECM96
CS82C54-10	HC4P5502B-5X6176	HC55142IM96S5001	HC55184ECM
CS82C54-1096	HC4P5502B-5X96	HC5514X	HC55184ECM96R4749
CS82C54-1096S2074	HC4P5502BR0632-103	HC55150CM	HC55184ECM96R4887
CS82C54-1096S2075	HC4P5502BR0632-104	HC5515CM	HC55184ECMR4749
CS82C54-1096S2490	HC4P5502BR4765-103	HC5515CMX6176B	HC55185AIM
CS82C54-1096S2497	HC4P5502BR4765-104	HC5515CMX6176D	HC55185AIM96
CS82C54-1096S2580	HC4P5502X	HC5515IMR4717	HC55185BIM
CS82C54-1096S5001	HC4P5504B1-5	HC5515IMX6176B	HC55185CIM
CS82C54-12	HC4P5504B1-596	HC5515IMX6176D	HC55185DIM
CS82C5496	HC4P5504B-5	HC55171BIM	HC55185DIM96
CS82C5496S2463	HC4P5504B-5X96	HC55171CM	HC55185DIM96S2426
CS82C5496S5001	HC4P5504B-9	HC55171CM96	HC55185DIMS2064

PLCC Products Qualified: One site (Continued)

HC55185ECM	IS82C54-10
HC55185ECM96	IS82C54-1096
HC55185ECM96R4854	IS82C54-12
HC55185ECMR4854	IS82C5496
HC55185FCM	IS82C59A
HC55185FCM96	IS82C59A-12
HC55185X	IS82C59AX96
HC5523IM	IS82C82
HC5523IMR4706	IS82C84A
HC5523IMR4722	IS82C85
HC5523IMR4768	IS82C86H-5
HC5523IMX6176B	IS82C88
HC5523IMX6176D	IS82C89
HC5526CM	ISL5586BIM
HC5526IM	ISL5586IM
HC5547CMS2584	MD82C88F8176-01
HC5549CM	
HC5549IM	
HI4P0201-5	
HI4P0201HS-5	
HI4P0506-5	
HI4P0507-5	
HI4P0508-5	
HI4P0509-5	
HI4P0539-5	
HI4P0546-5	
HI4P0547-5	
HI4P0548-5	
HI4P0548-5S2071	
HI4P0549-5	
HIP0080AM	
HIP0080AM96	
IS82C52	
IS82C5296	
IS82C54	