MPC79 Final Merge Specification:

Comment: MPC document generated from MPC data base
                5-Dec-79 2:55:32;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: A =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: H =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79AH.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: RHDoc1 =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3583 735;
   File: [Ivy]<Mpc79>RHDoc1.cif;

  PROJECT: LhDoc1 =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 48 793;
   File: [Ivy]<Mpc79>LhDoc1.cif;
END

Comment: MPC document generated from MPC data base
                 5-Dec-79 2:56:03;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: A =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: C =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79AC.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: GlasserOT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 655 991;
   File: [Ivy]<Mpc79>GlasserOT.cif;

  PROJECT: PasemanMIT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3377 2877;
   File: [Ivy]<Mpc79>PasemanMIT.cif;

  PROJECT: ChuMIT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 4435 1183;
   File: [Ivy]<Mpc79>ChuMIT.cif;

  PROJECT: HamiltonMIT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
        NC = cut 0,
        NM = metal 0,
        NG = glass 0;
      Rotation: 1 0;
      Translation: 265 3163;
      File: [Ivy]<Mpc79>HamiltonMIT.cif;
END
```

Comment: MPC document generated from MPC data base
                5-Dec-79   2:56:46;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: A =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: B =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79AB.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: KhouryMIT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 130 2381;
   File: [Ivy]<Mpc79>KhouryMIT.cif;

  PROJECT: GrondalskiMIT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 128 114;
   File: [Ivy]<Mpc79>GrondalskiMIT.cif;

  PROJECT: GoodrichMIT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 2736 2246;
   File: [Ivy]<Mpc79>GoodrichMIT.cif;

  PROJECT: PicardMIT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
       NC = cut 0,
       NM = metal 0,
       NG = glass 0;
      Rotation: 1 0;
      Translation: 2762 188;
      File: [Ivy]<Mpc79>PicardMIT.cif;

   PROJECT: BataliMIT =
    Layers:
      ND = diffusion 1.5,
      NI = implant 0,
      NP = poly 0,
      NC = cut 0,
      NM = metal 0,
      NG = glass 0;
     Rotation: 1 0;
     Translation: 130 4167;
     File: [Ivy]<Mpc79>BataliMIT.cif;

   PROJECT: AllenMIT =
    Layers:
      ND = diffusion 1.5,
      NI = implant 0,
      NP = poly 0,
      NC = cut 0,
      NM = metal 0,
      NG = glass 0;
     Rotation: 1 0;
     Translation: 5257 2651;
     File: [Ivy]<Mpc79>AllenMIT.cif;

   PROJECT: FichtenbaumMIT =
    Layers:
      ND = diffusion 1.5,
      NI = implant 0,
      NP = poly 0,
      NC = cut 0,
      NM = metal 0,
      NG = glass 0;
     Rotation: 1 0;
     Translation: 4962 3408;
     File: [Ivy]<Mpc79>FichtenbaumMIT.cif;

   PROJECT: GramlichMIT =
    Layers:
      ND = diffusion 1.5,
      NI = implant 0,
      NP = poly 0,
      NC = cut 0,
      NM = metal 0,
      NG = glass 0;
     Rotation: 1 0;
     Translation: 4597 3999;
     File: [Ivy]<Mpc79>GramlichMIT.cif;
END
```

Comment: MPC document generated from MPC data base
                5-Dec-79   2:55:39;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: A =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: G =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79AG.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: SynderOT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 275 569;
   File: [Ivy]<Mpc79>SynderOT.cif;

  PROJECT: RivestMIT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 7393 3645;
   File: [Ivy]<Mpc79>RivestMIT.cif;

  PROJECT: KathailMIT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 4413 4187;
   File: [Ivy]<Mpc79>KathailMIT.cif;

  PROJECT: GoddeauMIT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
     NC = cut 0,
     NM = metal 0,
     NG = glass 0;
    Rotation: 1 0;
    Translation: 4471 241;
    File: [Ivy]<Mpc79>GoddeauMIT.cif;

  PROJECT: WalpCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
    Rotation: 1 0;
    Translation: 263 3829;
    File: [Ivy]<Mpc79>WalpCT.cif;
END
```

Comment: MPC document generated from MPC data base
                5-Dec-79   2:55:46;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: A =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: F =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79AF.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: Schip2 =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 74 74;
   File: [Ivy]<Mpc79>Schip2.cif;
END

Comment: MPC document generated from MPC data base
                5-Dec-79 2:57:26;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: A =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: D =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79AD.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: HanesUI =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 4758 3148;
   File: [Ivy]<Mpc79>HanesUI.cif;

  PROJECT: AdrianUI =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 4585 261;
   File: [Ivy]<Mpc79>AdrianUI.cif;

  PROJECT: LuhukayUI =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 4072 3218;
   File: [Ivy]<Mpc79>LuhukayUI.cif;

  PROJECT: MontoyeUI =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
  Rotation: 1 0;
  Translation: 4777 253;
  File: [Ivy]<Mpc79>MontoyeUI.cif;
END
```

Comment: MPC document generated from MPC data base
                5-Dec-79   2:55:53;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: A =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: E =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79AE.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: MurrayOT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3206 4826;
   File: [Ivy]<Mpc79>MurrayOT.cif;

  PROJECT: RodgersOT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 1955 1005;
   File: [Ivy]<Mpc79>RodgersOT.cif;

  PROJECT: ClassUI =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 1141 4427;
   File: [Ivy]<Mpc79>ClassUI.cif;

  PROJECT: KungCMU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 0 1;
  Translation: 1182 118;
  File: [Ivy]<Mpc79>KungCMU.cif;

 PROJECT: KehlOT =
  Layers:
   ND = diffusion 1.5,
   NI = implant 0,
   NP = poly 0,
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 6169 1078;
  File: [Ivy]<Mpc79>KehlOT.cif;

 PROJECT: HoeyCMU =
  Layers:
   ND = diffusion 1.5,
   NI = implant 0,
   NP = poly 0,
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 4288 114;
  File: [Ivy]<Mpc79>HoeyCMU.cif;

 PROJECT: EbelingCMU =
  Layers:
   ND = diffusion 1.5,
   NI = implant 0,
   NP = poly 0,
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 6660 5050;
  File: [Ivy]<Mpc79>EbelingCMU.cif;

 PROJECT: GuptaCMU =
  Layers:
   ND = diffusion 1.5,
   NI = implant 0,
   NP = poly 0,
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 696 352;
  File: [Ivy]<Mpc79>GuptaCMU.cif;

 PROJECT: SongCMU =
  Layers:
   ND = diffusion 1.5,
   NI = implant 0,
   NP = poly 0,
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 4764 2141;
  File: [Ivy]<Mpc79>SongCMU.cif;
END
```

Comment: MPC document generated from MPC data base
                5-Dec-79 2:56:18;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: B =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: O =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79BO.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: RHDoc2 =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3602 695;
   File: [Ivy]<Mpc79>RHDoc2.cif;

  PROJECT: LhDoc2 =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 53 757;
   File: [Ivy]<Mpc79>LhDoc2.cif;
END

Comment· MPC document generated from MPC data base
                 5-Dec-79 2:55:10;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: B =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: J =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79BJ.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: CocconiCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 2583 2330;
   File: [Ivy]<Mpc79>CocconiCT.cif;

  PROJECT: CampbellCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 146 4296;
   File: [Ivy]<Mpc79>CampbellCT.cif;

  PROJECT: PursifullCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3153 2267;
   File: [Ivy]<Mpc79>PursifullCT.cif;

  PROJECT: FuCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
  NC = cut 0,
  NM = metal 0,
  NG = glass 0;
 Rotation: 1 0;
 Translation: 2089 4335;
 File: [Ivy]<Mpc79>FuCT.cif;

PROJECT: TannerCT =
 Layers:
  ND = diffusion 1.5,
  NI = implant 0,
  NP = poly 0,
  NC = cut 0,
  NM = metal 0,
  NG = glass 0;
 Rotation: 1 0;
 Translation: 5562 74;
 File: [Ivy]<Mpc79>TannerCT.cif;

PROJECT: WhitneyCT =
 Layers:
  ND = diffusion 1.5,
  NI = implant 0,
  NP = poly 0,
  NC = cut 0,
  NM = metal 0,
  NG = glass 0;
 Rotation: 1 0;
 Translation: 3534 109;
 File: [Ivy]<Mpc79>WhitneyCT.cif;

PROJECT: BartonCT =
 Layers:
  ND = diffusion 1.5,
  NI = implant 0,
  NP = poly 0,
  NC = cut 0,
  NM = metal 0,
  NG = glass 0;
 Rotation: 1 0;
 Translation: 123 2154;
 File: [Ivy]<Mpc79>BartonCT.cif;

PROJECT: BozzutoCT =
 Layers:
  ND = diffusion 1.5,
  NI = implant 0,
  NP = poly 0,
  NC = cut 0,
  NM = metal 0,
  NG = glass 0;
 Rotation: 1 0;
 Translation: 5373 4477;
 File: [Ivy]<Mpc79>BozzutoCT.cif;

PROJECT: KingsleyCT =
 Layers:
  ND = diffusion 1.5,
  NI = implant 0,
  NP = poly 0,
  NC = cut 0,
  NM = metal 0,
  NG = glass 0;
 Rotation: 1 0;
 Translation: 142 74;
 File: [Ivy]<Mpc79>KingsleyCT.cif;

PROJECT: HoCT =
 Layers:
  ND = diffusion 1.5,
  NI = implant 0,
  NP = poly 0,
  NC = cut 0,
  NM = metal 0,
  NG = glass 0;
 Rotation: 0 1;
```

```
    Translation: 3477 112;
    File: [Ivy]<Mpc79>HoCT.cif;

  PROJECT: LiCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 5362 4639;
   File: [Ivy]<Mpc79>LiCT.cif;

  PROJECT: PapachCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 5179 3938;
   File: [Ivy]<Mpc79>PapachCT.cif;
END
```

Comment: MPC document generated from MPC data base
                5-Dec-79 2:54:50;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: B =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: L =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79BL.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: MostellerCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 862 334;
   File: [Ivy]<Mpc79>MostellerCT.cif;

  PROJECT: HellerCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 873 5248;
   File: [Ivy]<Mpc79>HellerCT.cif;

  PROJECT: GrayCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3795 2996;
   File: [Ivy]<Mpc79>GrayCT.cif;

  PROJECT: WatteyneCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 7516 3900;
   File: [Ivy]<Mpc79>WatteyneCT.cif;

  PROJECT: DerbyCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 5283 1754;
   File: [Ivy]<Mpc79>DerbyCT.cif;

  PROJECT: PedersenCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 5698 74;
   File: [Ivy]<Mpc79>PedersenCT.cif;

  PROJECT: EatonCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3142 4488;
   File: [Ivy]<Mpc79>EatonCT.cif;

  PROJECT: PinesCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 5756 2090;
   File: [Ivy]<Mpc79>PinesCT.cif;
END
```

Comment: MPC document generated from MPC data base
                5-Dec-79 2:57:47;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: B =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: K =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79BK.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: Clark2SU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 1363 4088;
   File: [Ivy]<Mpc79>Clark2SU.cif;

  PROJECT: ClarkSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 4775 132;
   File: [Ivy]<Mpc79>ClarkSU.cif;

  PROJECT: BaskettSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 5288 5892;
   File: [Ivy]<Mpc79>BaskettSU.cif;

  PROJECT: MathewsSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
     NC = cut 0,
     NM = metal 0,
     NG = glass 0;
    Rotation: 0 1;
    Translation: 1339 134;
    File: [Ivy]<Mpc79>MathewsSU.cif;

  PROJECT: ZarghanSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 2927 4297;
   File: [Ivy]<Mpc79>ZarghanSU.cif;

  PROJECT: FrolikSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3038 5872;
   File: [Ivy]<Mpc79>FrolikSU.cif;

  PROJECT: BectolsheimSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3719 2156;
   File: [Ivy]<Mpc79>BectolsheimSU.cif;

  PROJECT: OhChinSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 3072 168;
   File: [Ivy]<Mpc79>OhChinSU.cif;
END
```

Comment: MPC document generated from MPC data base
                 5-Dec-79 2:55:18;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: B =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: I =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79BI.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: AtlasSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 5071 2583;
   File: [Ivy]<Mpc79>AtlasSU.cif;

  PROJECT: HannahSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3297 102;
   File: [Ivy]<Mpc79>HannahSU.cif;

  PROJECT: NoiceSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 83 2232;
   File: [Ivy]<Mpc79>NoiceSU.cif;

  PROJECT: HerndonSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 74 130;
  File: [Ivy]<Mpc79>HerndonSU.cif;

PROJECT: GehlbachSU =
 Layers:
   ND = diffusion 1.5,
   NI = implant 0,
   NP = poly 0,
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 2200 4132;
  File: [Ivy]<Mpc79>GehlbachSU.cif;

PROJECT: MarkeeSU =
 Layers:
   ND = diffusion 1.5,
   NI = implant 0,
   NP = poly 0,
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 5432 4268;
  File: [Ivy]<Mpc79>MarkeeSU.cif;

PROJECT: MacomberSU =
 Layers:
   ND = diffusion 1.5,
   NI = implant 0,
   NP = poly 0,
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 130 3896;
  File: [Ivy]<Mpc79>MacomberSU.cif;

PROJECT: WulffSU =
 Layers:
   ND = diffusion 1.5,
   NI = implant 0,
   NP = poly 0,
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 0 1;
  Translation: 7574 84;
  File: [Ivy]<Mpc79>WulffSU.cif;

PROJECT: ElahianSU =
 Layers:
   ND = diffusion 1.5,
   NI = implant 0,
   NP = poly 0,
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 3114 2260;
  File: [Ivy]<Mpc79>ElahianSU.cif;
END
```

Comment: MPC document generated from MPC data base
                 5-Dec-79 2:54:20;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: B =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: M =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79BM.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: LandmanUCB =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 124 1743;
   File: [Ivy]<Mpc79>LandmanUCB.cif;

  PROJECT: RumphCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 3706 1665;
   File: [Ivy]<Mpc79>RumphCT.cif;

  PROJECT: EllisCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 0 1;
   Translation: 7574 1208;
   File: [Ivy]<Mpc79>EllisCT.cif;

  PROJECT: LigockiCT =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
   NC = cut 0,
   NM = metal 0,
   NG = glass 0;
  Rotation: 1 0;
  Translation: 144 1848;
  File: [Ivy]<Mpc79>LigockiCT.cif;

PROJECT: DecuirUCB =
 Layers:
  ND = diffusion 1.5,
  NI = implant 0,
  NP = poly 0,
  NC = cut 0,
  NM = metal 0,
  NG = glass 0;
 Rotation: 1 0;
 Translation: 2297 2669;
 File: [Ivy]<Mpc79>DecuirUCB.cif;

PROJECT: FungUCB =
 Layers:
  ND = diffusion 1.5,
  NI = implant 0,
  NP = poly 0,
  NC = cut 0,
  NM = metal 0,
  NG = glass 0;
 Rotation: 1 0;
 Translation: 5068 3291;
 File: [Ivy]<Mpc79>FungUCB.cif;

PROJECT: SequinUCB =
 Layers:
  ND = diffusion 1.5,
  NI = implant 0,
  NP = poly 0,
  NC = cut 0,
  NM = metal 0,
  NG = glass 0;
 Rotation: 1 0;
 Translation: 6324 640;
 File: [Ivy]<Mpc79>SequinUCB.cif;
END
```

Comment: MPC document generated from MPC data base
                5-Dec-79 2:53:42;

Title: MPC79
Date: 113079
Account: ?????

MASKSET: B =
 Resolution: 2;
 Size: 100000 100000;
 Layers:
  diffusion = 10 DI,
  implant = 20 IM,
  poly = 30 PO,
  cut = 40 CU,
  metal = 50 ME,
  glass = 60 PA;

 CHIP: N =
  Dimensions: 7696 6477;
  Positions: 0 0;

  PROJECT: MPC79BN.MPC =
   Layers:
    ND = diffusion 0,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0,
    SND diffusion 1.5;
   Rotation: 1 0;
   Translation: 0 0;
   File: [Ivy]<Mpc79>Frame>FrameBM.cif;

  PROJECT: WatanabeUR =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 126 5955;
   File: [Ivy]<Mpc79>WatanabeUR.cif;

  PROJECT: LyonsUR =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 2160 5975;
   File: [Ivy]<Mpc79>LyonsUR.cif;

  PROJECT: UttSU =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,
    NC = cut 0,
    NM = metal 0,
    NG = glass 0;
   Rotation: 1 0;
   Translation: 3094 111;
   File: [Ivy]<Mpc79>UttSU.cif;

  PROJECT: SohmUR =
   Layers:
    ND = diffusion 1.5,
    NI = implant 0,
    NP = poly 0,

```
      NC = cut 0,
      NM = metal 0,
      NG = glass 0;
     Rotation: 0 1;
     Translation: 137 74;
     File: [Ivy]<Mpc79>SohmUR.cif;

  PROJECT: KedemUR =
   Layers:
      ND = diffusion 1.5,
      NI = implant 0,
      NP = poly 0,
      NC = cut 0,
      NM = metal 0,
      NG = glass 0;
     Rotation: 1 0;
     Translation: 4924 5980;
     File: [Ivy]<Mpc79>KedemUR.cif;

  PROJECT: TiloveUR =
   Layers:
      ND = diffusion 1.5,
      NI = implant 0,
      NP = poly 0,
      NC = cut 0,
      NM = metal 0,
      NG = glass 0;
     Rotation: 1 0;
     Translation: 2842 3597;
     File: [Ivy]<Mpc79>TiloveUR.cif;

  PROJECT: TarsiSU =
   Layers:
      ND = diffusion 1.5,
      NI = implant 0,
      NP = poly 0,
      NC = cut 0,
      NM = metal 0,
      NG = glass 0;
     Rotation: 1 0;
     Translation: 5382 127;
     File: [Ivy]<Mpc79>TarsiSU.cif;
END
```