CLAIMS

1. A die, comprising:

one or more fins (210);

a first gate (220) formed over a first portion of the one or more fins;

a first source/drain contact (215) formed over a second portion of the one or more fins, wherein the first source/drain contact includes an extended portion (214) that does not overlap the one or more fins;

a second source/drain contact (225) formed over a third portion of the one or more fins;

a second gate (320) formed over a fourth portion of the one or more fins, wherein the second source/drain contact is between the first gate and the second gate;

a third source/drain contact (315) formed over a fifth portion of the one or more fins, wherein the third source/drain contact includes an extended portion (314) that does not overlap the one or more fins;

first and second metal lines (235, 236) formed from a first metal layer, wherein the first and second metal lines are spaced apart;

a first via (232) connecting the first source/drain contact to the first metal line (235);

a second via (231) connecting the first source/drain contact to the second metal line (236), wherein the second via lies within the extended portion of the first source/drain contact;

a third via (332) connecting the third source/drain contact to the first metal line; and

a fourth via (331) connecting the third source/drain contact to the second metal line, wherein the fourth via lies within the extended portion of the third source/drain contact.

2. The die of claim 1, wherein the each of the first and third vias overlaps the one or more fins.

3. The die of claim 1, wherein the one or more fins comprise multiple fins.

4. The die of claim 3, wherein the multiple fins are merged under the first, second and third source/drain contacts while the extended portions do not overlap the merged fins.

5. The die of claim 1, wherein the second source/drain contact has an extended portion that does not overlap the one or more fins, and the die further comprises:

third and fourth metal lines (255, 256) formed from the first metal layer, wherein the third and fourth metal lines are spaced apart;

a fifth via (252) connecting the second source/drain contact to the third metal line (255), wherein the fifth via lies within an extended portion (224) of the second source/drain contact, wherein the second source/drain contact includes the extended portion (224) that does not overlap the one or more fins; and

a sixth via (251) connecting the second source/drain contact to the fourth metal line (256).

6. The die of claim 5, wherein the extended portion (214) of the first source/drain contact and the extended portion (225) of the second source/drain contact are located on opposite sides of the one or more fins.

7. The die of claim 5, wherein the first, second, third and fourth metal lines run parallel with one another.