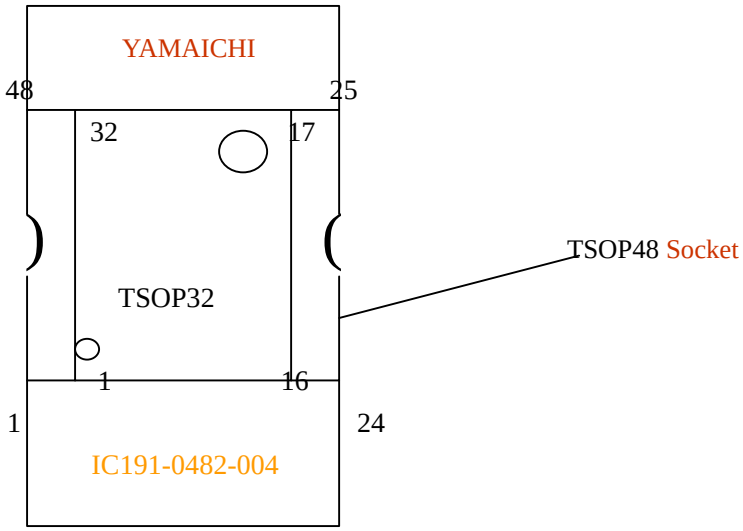
1. Adapter TSOP32 (The bottom level)

Use together with universal TSOP48 Socket (the top level) ,

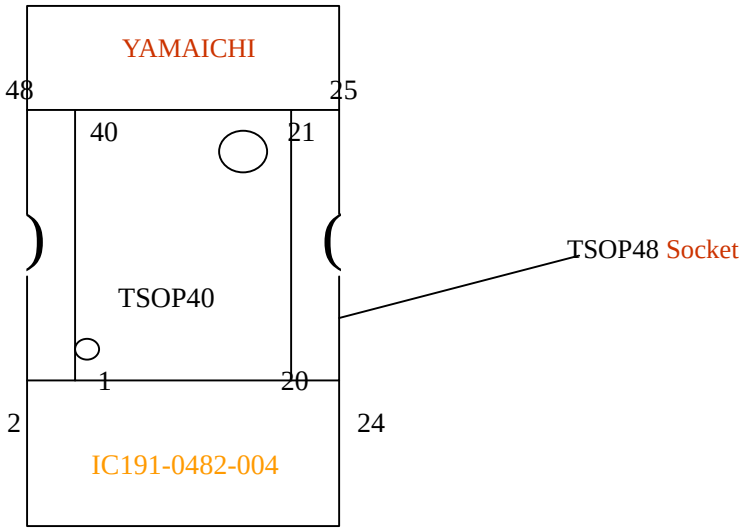


How to use the adapter

1. put the flash in the TOP of TSOP48 socket， please be careful to put the flash；
2. Pushing the TSOP48 Socket two side ，the flash will be down ， then to free TSOP48 Socket two side，the TSOP48 Socket will lock the flash。
3. To select the device ， and move the 12bit dip switch acrroding to showing of the software 。
4. Link the expand address line ，
5. You first try to get the ID of flash ， then program ， erase，and so on 。
6. J1 is used for 5v/3.3v change, taking on is 5v , taking off is 3.3v ;
7. J2。= ON

2. Adapter TSOP40B (The bottom level)

Use together with universal TSOP48 Socket (the top level) ,

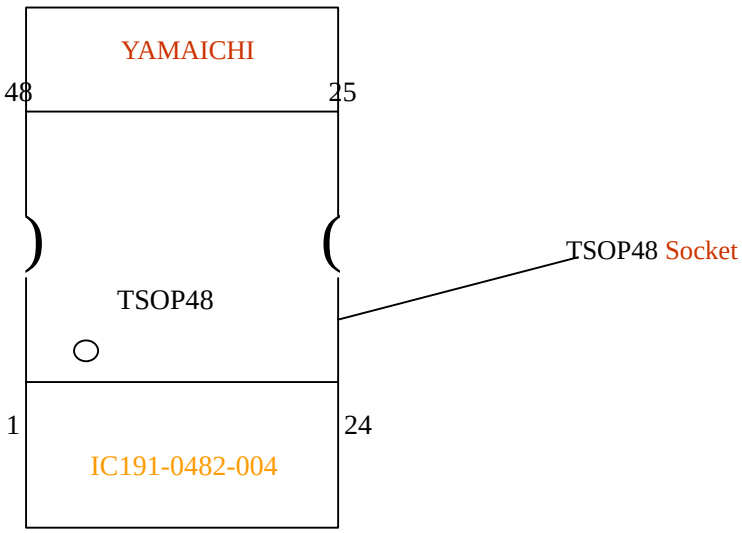


How to use the adapter

8. put the flash in the middle of TSOP48 socket， please be careful to put the flash ， the 1th ， 2th ， 23th，24th，25th，26th，47th，48th pin is empty ， not touch with pin of flash；
9. Pushing the TSOP48 Socket two side ，the flash will be down ， then to free TSOP48 Socket two side，the TSOP48 Socket will lock the flash。
10. To select the device ，and move the 12bit dip switch acrroding to showing of the software 。
11. Link the expand address line ，
12. You first try to get the ID of flash ， then program ， erase，and so on 。
13. J1 is used for 5v/3.3v change, taking on is 5v , taking off is 3.3v ;

3. Adapter TSOP48 8/16bit mod (The bottom level)

Use together with universal TSOP48 Socket (the top level) ,



How to use the adapter

Definition of expand address line (J4 on main board , J5 ON TSOP48 8/16BIT) :

(1) CLK , (2) A19 , (3) A22 , (4) A21 , (5) A20 , (6) P1 , (7) A19 , (8) A23.

14. put the flash in the middle of TSOP48 socket， please be careful to put the flash;
15. Pushing the TSOP48 Socket two side ， the flash will be down ， then to free TSOP48 Socket two side，the TSOP48 Socket will lock the flash。
16. To select the device ，and move the 12bit dip switch according to showing of the software 。
17. Link the expand address line ，
18. You first try to get the ID of flash ， then program ， erase，and so on 。
19. J1 is used for 5v/3.3v change, taking on is 5v , taking off is 3.3v ;
20. J2 is used for vpp 12v, taking on is 12v , taking off is no votage ; default is off
21. J3 is on : A21 of chip is connect on 13th pin , default is off
22. J5 is Link the expand address line on the adapter ; other side with j4 on main board
23. J4 is on , When the chip A19 of chip is on 15th pin . default is off
24. J6 is on , When the chip A19 of chip is on 9th pin . default is on
25. You can connect the pin of J5 of adapter TSOP48 8/16BIT to the pin of Tsop48 for pin A19, A20, A21, according to the chip's Datasheet ; A19 OF J5 TO A18 OF TSOP48, A20 OF J5 TO A19 OF TSOP48 , A21 OF J5 TO A20 OF TSOP48, A22 OF J5 TO A21 OF TSOP48 , , A23 OF J5 TO A22 OF TSOP48.
26. The AT49LV1614's programming : Set SW device 29LV160, don't use AT49LV1614 (has adressing error)

27. Definition of The expand address line ：

- CLR------1
- A19------2
- A22------3
- A21------4
- A20------5
- P1--------6
- A19------7
- A23------8