

EPROM Production Programming Troubleshooting Checklist

1. Ensure that all machines are calibrated.
2. Ensure that all machines have passed self test.
3. Ensure that all necessary Test Modes are enabled (Continuity, Blank Check, Illegal Bit, etc.)
4. Ensure that ONLY the ATMEL Rapid™ Programming Algorithm is used. No other algorithm is allowed.
5. Ensure that the sockets are changed at appropriate intervals.
6. Ensure that all sockets perform equally, i.e., are any of the sockets yielding worse than any other?
7. Ensure that sockets are clean and shiny.
8. Never touch the device in question. Use a vacuum wand.
9. Ensure proper humidity.
10. Always ground the operator, the programmers, the tables, etc.
11. When attempting to program parts which have been previously rejected, always turn off the blank check and illegal bit check. When complete, re-enable.
12. Be aware of even the most slightly bent device pin(s).



EPROM Checklist

Application Note

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