Table 1-1: Model parameters

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| **Parameter** | **Description** |  | **Value** |
|  | Membrane capacitance |  |
|  | Potassium conductance |  |
|  | Calcium conductance |  |
|  | Calcium-dependent potassium conductance |  |
|  | Subthreshold sodium conductance |  |
|  | Leak conductance |  |
|  | Potassium reversal potential |  |
|  | Calcium reversal potential |  |
|  | Sodium reversal potential |  |
|  | Leak reversal potential |  |
|  | NMDA reversal potential |  |
|  | AMPA reversal potential |  |
|  | GABA reversal potential |  |
|  | AMPA receptor activation time |  |
|  | AMPA receptor deactivation time |  |
|  | AMPA receptor desensitization time |  |
|  | AMPA receptor release from desensitization time |  |
|  | NMDA receptor activation time |  |
|  | NMDA receptor deactivation time |  |
|  | GABA receptor activation time |  |
|  | GABA receptor deactivation time |  |