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 | |  |