Microlensing parameters in `MulensModel` class `ModelParameters`:

Parameter	Name in MulensModel	Unit	Description
t_0	t_0		The time of the closest approach between the source and the lens.
u_0	u_0		The impact parameter between the source and the lens center of mass.
t_{E}	t_E	d	The Einstein crossing time.
t_{eff}	t_eff	d	The effective timescale, $t_{\mathrm{eff}} \equiv u_0 t_{\mathrm{E}}$.
ρ	rho		The radius of the source as a fraction of the Einstein ring.
$t_\star$	t_star	d	The source self-crossing time, $t_\star \equiv \rho t_{\mathrm{E}}$.
$\pi_{\mathrm{E},N}$	pi_E_N		The North component of the microlensing parallax vector.
$\pi_{\mathrm{E},E}$	pi_E_E		The East component of the microlensing parallax vector.
$t_{0,\mathrm{par}}$	t_0_par		The reference time for parameters in parallax models.
s	s		The projected separation between the lens primary and its companion as a fraction of the Einstein ring radius.
q	q		The mass ratio between the lens companion and the lens primary $q \equiv m_2/m_1$.
α	alpha	deg.	The angle between the source trajectory and the binary axis.
ds/dt	ds_dt	yr^{-1}	The rate of change of the separation.
$d\alpha/dt$	dalpha_dt	deg. yr^{-1}	The rate of change of α.
$t_{0,\mathrm{kep}}$	t_0_kep		The reference time for lens orbital motion calculations.

Some of the parameters can be defined separately for each of the sources. In that case, add _1 or _2 to parameter name. These are:

- t_0_1, t_0_2,

- u_0_1, u_0_2,

- rho_1, rho_2,

- t_star_1, t_star_2.