

KEPLER - 42

THE SYSTEM

discovered in 2012
with the transit method
distance 126 light years
constellation Cygnus (19^h28^m)

THE STAR

mass 0.13 suns
radius 0.17 suns
temperature 3068 Kelvin
luminosity 0.0013 suns
age ?

THE PLANETS

	c	b	d
distance (au)	0.006	0.012	0.015
orbit (days)	0.45	1.21	1.87
mass (earth)	?	?	?
radius (earth)	0.75	0.80	0.58
eccentricity	?	?	?
type	rocky	rocky	rocky



