TIC: 425934411  Candidate: 1 of 1   Period: 0.853 d

Tmag: 14.67  R*: 1.00 Rs  Teff: 3658.0 K  Logg: 4.44  M/H: 0.000  Rho: 1.000

Time [BJD - 2457000]

-0.15  -0.1  -0.05  0  0.05  0.1  0.15

Relative Flux

Phase [Days]

-0.2  -0.1  0  0.1  0.2  0.3  0.4  0.5  0.6

Relative Flux

Sec Depth: 2601.9 [782.0] ppm
Sec Phase: 0.129 Days
Sec MES: 3.0

Whitened Flux Value

MES: 22.0  Transits: 62  SNR: 29.3  Depth: 27850.1 [1655.5] ppm

DV Fit Results:
Period = 0.85332 [0.00002] d
Epoch = 1325.4898 [0.0009] BTJD
Rp/R* = 0.1997 [0.1133]
a/R* = 4.68 [0.64]
b = 0.90 [0.22]
Seff = 516.98 [91.58]
Teq = 1216 [54] K
Rp = 21.80 [12.37] Re
a = 0.0176 [0.0000] AU
Rho = 1.889 [0.777]
Ag = 0.93 [1.00] [-0.06 sigma]
Tp = 1849 [549] K [1.15 sigma]

DV Diagnostic Results:
ShortPeriod-sig: N/A
LongPeriod-sig: N/A
ModelChiSquare2-sig: 99.7%
ModelChiSquareGof-sig: 100.0%
Bootstrap-pfa: 2.00e-105
GhostDiagnostic-chr: 3.381
OotOffset-rm: 7.656 arcsec [2.92 sigma]
TicOffset-rm: 2.085 arcsec [0.72 sigma]
OotOffset-tot: 2
TicOffset-tot: 2
DiffImageQuality-fgm: 1.00 [2/2]
DiffImageOverlap-fno: 1.00 [2/2]

This Data Validation Report Summary was produced in the TESS Science Processing Operations Center Pipeline at NASA Ames Research Center