

# System Report: Franka Emika Cable

## System Failure Probability:

1.26E-05

## Components:

Component: Joint\_1

Failure Probability: 3.58E-08

Component: Joint\_2

Failure Probability: 3.58E-08

Component: Joint\_3

Failure Probability: 3.58E-08

Component: Joint\_4

Failure Probability: 3.58E-08

Component: Joint\_5

Failure Probability: 3.58E-08

Component: Joint\_6

Failure Probability: 3.58E-08

Component: Joint\_7

Failure Probability: 3.58E-08

Component: Controller

Failure Probability: 2.17E-10

Component: Power\_Supply

Failure Probability:  $6.67E-08$

Component: Gripper

Failure Probability:  $7.34E-08$

Component: Sensors

Failure Probability:  $5.92E-08$

## **Skills:**

Skill: pick

Failure Probability:  $1.26E-07$

Skill: route

Failure Probability:  $3.77E-07$

Skill: perturb

Failure Probability:  $3.77E-07$

Skill: next

Failure Probability:  $3.77E-07$

## System failure probability

