



Legend	
c:	key pressed
N:	Number key representing feeder number
NK:	No Key or unspecified key
p:	instruction to initiate part pickup
c:	instruction to initiate movement to camera
r:	rotate to correct nozzle misalignment
a:	correct gantry preplace misalignment
RDY:	sim ready for next instruction
$x_f, y_f$ :	co-ords of specified feeder
$x_c, y_c$ :	co-ords of look-up camera
$x_p, y_p$ :	co-ords to place part on PCB
$x_h, y_h$ :	co-ords of home
req_theta:	requested theta of nozzle rotation
req_pp_e:	requested correction for preplace error
CN:	centre nozzle
PH_LU:	photo look-up
PH_LD:	photo look-down
F:	False
T:	True
#partstoplace:	number of parts that need to be placed on PCB
FIN:	finished placement of all parts