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1 PROGRAM OutMatrix
2 VAR
3 END_VAR
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11
12 //ID:1=XCS 2=PGT 3=VING 4=PGN
13 //1=XCS
14 IF ID = 1 THEN PLC_DQ4 := qMainRelayPos ; END_IF ;
15 IF ID = 1 THEN PLC_DQ5 := qMainRelayPre ; END_IF ;
16 IF ID = 1 THEN PLC_DQ6 := qMainRelayNeg ; END_IF ;
17 IF ID = 1 THEN PLC_DQ7 := qServoDisableL ; END_IF ;
18 IF ID = 1 THEN PLC_DQ8 := qServoDisableR ; END_IF ;
19 IF ID = 1 THEN PLC_DQ9 := qBlower ; END_IF ;
20 IF ID = 1 THEN PLC_AQ0 := qPullForceLowFB ; END_IF ;
21 IF ID = 1 THEN PLC_AQ1 := qPullForceHighFB ; END_IF ;
22
23 IF ID = 1 THEN ATV900L_DQ1 := qBeacon ; END_IF ;
24 IF ID = 1 THEN ATV900L_DQ2 := qWirecutL ; END_IF ;
25 IF ID = 1 THEN ATV900L_AQ1 := qChargeRefL ; END_IF ;
26 IF ID = 1 THEN ATV900L_FWD := qDrumRunL ; END_IF ;
27 IF ID = 1 THEN ATV900L_SetRPM := qDrumSetRpmL ; END_IF ;
28 IF ID = 1 THEN ATV900L_SetMotorTorq := qDrumSetMotorTorqL ; END_IF ;
29 IF ID = 1 THEN ATV900L_SetGenTorq := qDrumSetGenTorqL ; END_IF ;
30
31 //2=PGT
32 IF ID = 2 THEN PLC_DQ4 := qMainRelayPos ; END_IF ;
33 IF ID = 2 THEN PLC_DQ5 := qMainRelayPre ; END_IF ;
34 IF ID = 2 THEN PLC_DQ6 := qMainRelayNeg ; END_IF ;
35 IF ID = 2 THEN PLC_DQ7 := qServoDisableL ; END_IF ;
36 IF ID = 2 THEN PLC_DQ8 := qServoDisableR ; END_IF ;
37 IF ID = 2 THEN PLC_DQ9 := qBlower ; END_IF ;
38 IF ID = 2 THEN PLC_AQ0 := qPullForceLowFB ; END_IF ;
39 IF ID = 2 THEN PLC_AQ1 := qPullForceHighFB ; END_IF ;
40
41 IF ID = 2 THEN ATV71L_DQ1 := qBeacon ; END_IF ;
42 IF ID = 2 THEN ATV71L_DQ2 := qWirecutL ; END_IF ;
43 IF ID = 2 THEN ATV71L_AQ1 := qChargeRefL ; END_IF ;
44 IF ID = 2 THEN ATV71L_FWD := qDrumRunL ; END_IF ;
45 IF ID = 2 THEN ATV71L_SetRPM := qDrumSetRpmL ; END_IF ;
46 IF ID = 2 THEN ATV71L_SetMotorTorq := qDrumSetMotorTorqL ; END_IF ;
47 IF ID = 2 THEN ATV71L_SetGenTorq := qDrumSetGenTorqL ; END_IF ;
48
49 //3=VING
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51
52
53 //4=PGN
54 IF ID = 4 THEN PLC_DQ4 := qMainRelayPos ; END_IF ;
55 IF ID = 4 THEN PLC_DQ5 := qMainRelayPre ; END_IF ;
56 IF ID = 4 THEN PLC_DQ6 := qMainRelayNeg ; END_IF ;
57 IF ID = 4 THEN PLC_DQ7 := qServoDisableL ; END_IF ;
58 IF ID = 4 THEN PLC_DQ8 := qServoDisableR ; END_IF ;
59 IF ID = 4 THEN PLC_DQ9 := qBlower ; END_IF ;
60 IF ID = 4 THEN PLC_AQ0 := qPullForceLowFB ; END_IF ;
61 IF ID = 4 THEN PLC_AQ1 := qPullForceHighFB ; END_IF ;
62
63 IF ID = 4 THEN ATV71L_DQ1 := qBeacon ; END_IF ;
64 IF ID = 4 THEN ATV71L_DQ2 := qWirecutL ; END_IF ;
65 IF ID = 4 THEN ATV71L_AQ1 := qChargeRefL ; END_IF ;
66 IF ID = 4 THEN ATV71L_FWD := qDrumRunL ; END_IF ;
67 IF ID = 4 THEN ATV71L_SetRPM := qDrumSetRpmL ; END_IF ;
68 IF ID = 4 THEN ATV71L_SetMotorTorq := qDrumSetMotorTorqL ; END_IF ;
69 IF ID = 4 THEN ATV71L_SetGenTorq := qDrumSetGenTorqL ; END_IF ;
70
71 IF ID = 4 THEN ATV71R_DQ1 := qWirecutR ; END_IF ;
72 IF ID = 4 THEN ATV71R_DQ2 := qBuzzer ; END_IF ;
73 IF ID = 4 THEN ATV71R_AQ1 := qChargeRefR ; END_IF ;
74 IF ID = 4 THEN ATV71R_FWD := qDrumRunR ; END_IF ;
75 IF ID = 4 THEN ATV71R_SetRPM := qDrumSetRpmR ; END_IF ;
76 IF ID = 4 THEN ATV71R_SetMotorTorq := qDrumSetMotorTorqR ; END_IF ;
77 IF ID = 4 THEN ATV71R_SetGenTorq := qDrumSetGenTorqR ; END_IF ;
78
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