MCN Signal Routing

MCN Signal Routing	
MTR_AIR_PRES1	AIN-1
MTR_PLATE_TEMP1	AIN-2
MTR_PLATE_TEMP2	AIN-3
MTR_AIR_PRES2	AIN-4
STRN1_X	AIN-5
STRN1_Y	AIN-6
STRN1_XY	AIN-7
STRN2_X	AIN-8
STRN2_Y	AIN-9
STRN2_XY	AIN-10
MTR_CLNT_TEMP	AIN-11
M/C_CLNT_TEMP	AIN-12
CLNT_FLOW	GP0

+3V3
+5V

MTR_PLATE_TEMP2
MTR_AIR_PRES2_MCN
SHIELD
STRN1_X_MCN
STRN1_Y_MCN

MTR_PLATE_TEMP1
MTR_AIR_PRES1_MCN

20   11
10   1
X-509

M/C_CLNT_TEMP
MTR_CLNT_TEMP

GND

STRN1_XY_MCN
STRN2_X_MCN

STRN2_Y_MCN
STRN2_XY_MCN
CLNT_FLOW_MCN

CLNT_FLOW
MTR_CLNT_TEMP
M/C_CLNT_TEMP
X-404
+5V_FUSED
GND
GND
SHIELD

STRN1_X
STRN1_Y
STRN1_XY
X-406
+5V_FUSED
GND
SHIELD

MTR_AIR_PRES1
MTR_PLATE_TEMP1
MTR_PLATE_TEMP2
MTR_AIR_PRES2
X-405
+5V_FUSED
GND
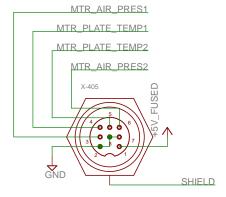SHIELD

STRN2_X
STRN2_Y
STRN2_XY
X-407
+5V_FUSED
GND
SHIELD

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CLNT_FLOW — 5.6k R5 — CLNT_FLOW_MCN — 10k R6 — GND

MTR_AIR_PRES1 — 5.6k R7 — MTR_AIR_PRES1_MCN — 10k R8 — GND

MTR_AIR_PRES2 — 5.6k R9 — MTR_AIR_PRES2_MCN — 10k R10 — GND

STRN1_X — 5.6k R17 — STRN1_X_MCN — 10k R18 — GND

STRN1_Y — 5.6k R19 — STRN1_Y_MCN — 10k R20 — GND

STRN1_XY — 5.6k R11 — STRN1_XY_MCN — 10k R12 — GND

STRN2_X — 5.6k R13 — STRN2_X_MCN — 10k R14 — GND

STRN2_Y — 5.6k R15 — STRN2_Y_MCN — 10k R16 — GND

STRN2_XY — 5.6k R21 — STRN2_XY_MCN — 10k R22 — GND

+5V — F1 PTC0603 — +5V_FUSED

2.2u C1 — GND

+3V3 — 10k R1 — MTR_CLNT_TEMP

+3V3 — 10k R2 — M/C_CLNT_TEMP

+3V3 — 10k R3 — MTR_PLATE_TEMP1

+3V3 — 10k R4 — MTR_PLATE_TEMP2

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