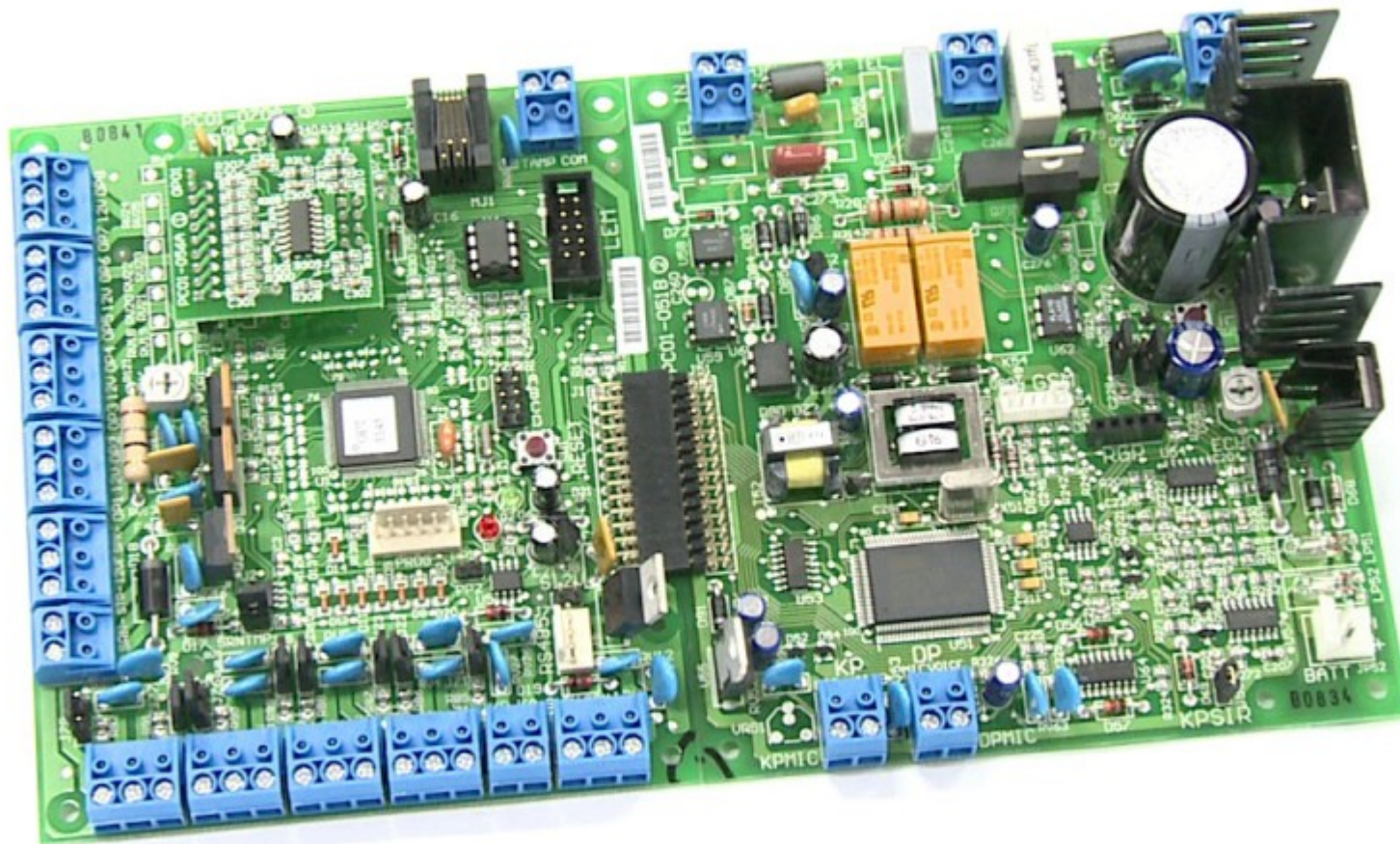




Connection Diagram

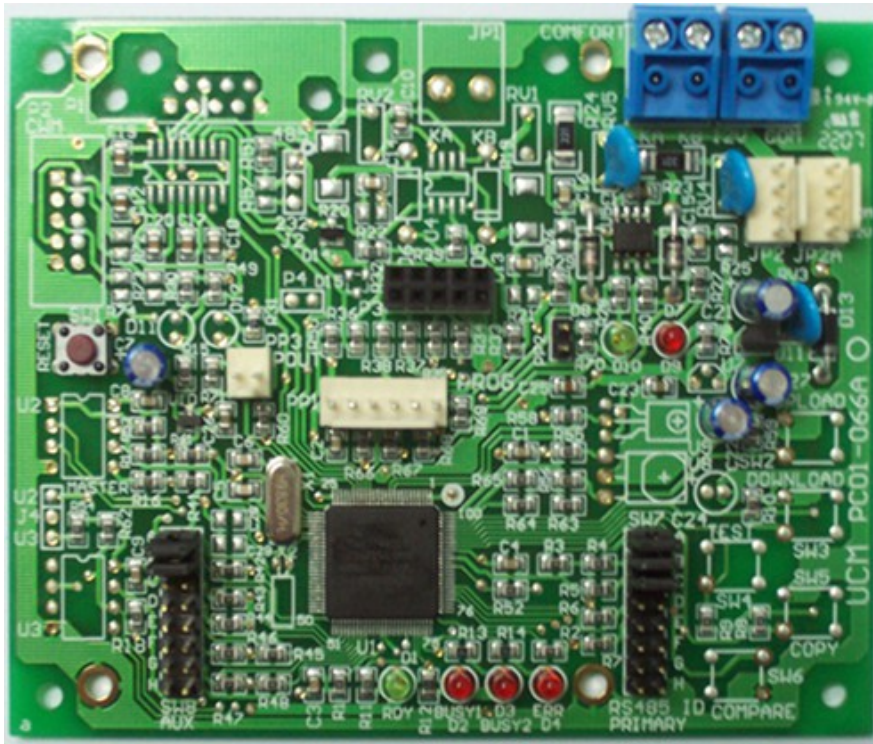
This document contains

- Connections between CM9000 and other modules
- ID setting by changing DIP switch or shunts

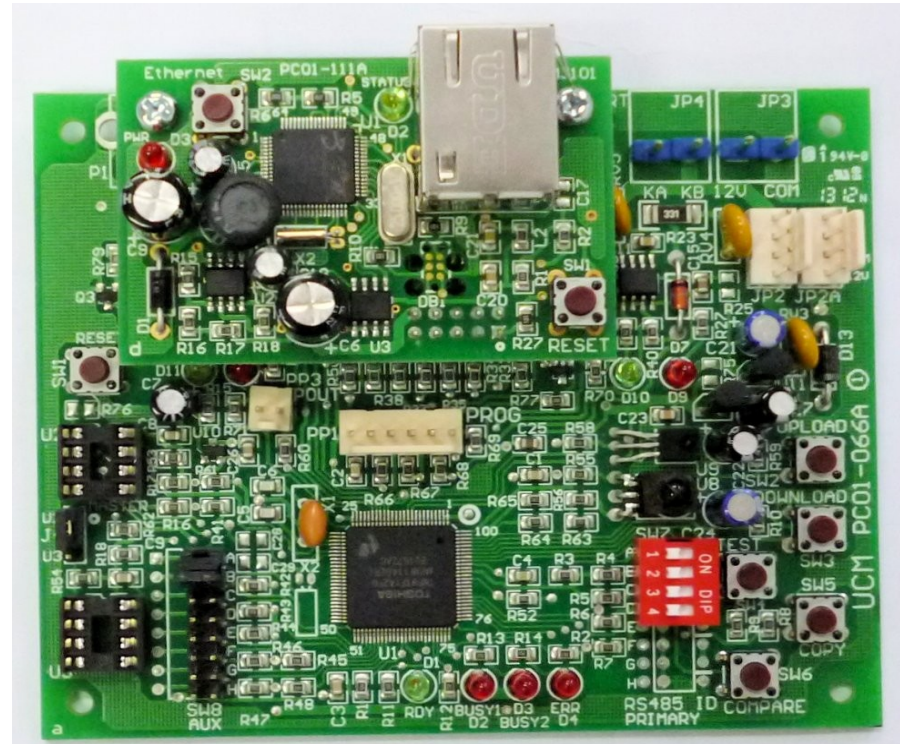


CM9000

Note: Comfort II Ultra and Optimum look similar, but with different firmware



UCM with shunts



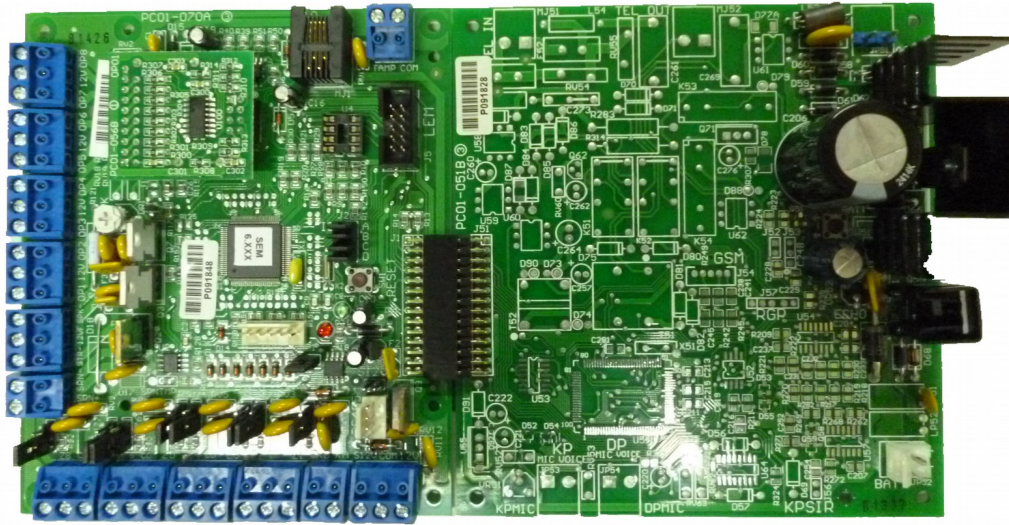
UCM/Eth03 with DIP switch

Note: There are different types of UCMs, e.g. UCM/USB, UCM/Eth03, UCM/CBUS, UCM/KNX. ETH03 and USB01 are submodules which are plugged into the base UCM



RIO

Note: Maximum 15 RIOs can be connected to the CM9000-ULT, but not OPT



SEM01-M2



SEM02-M2

Note: Maximums 5 SEMs can be connected to Comfort Ultra system



LEM01-M2



LEM02-M2

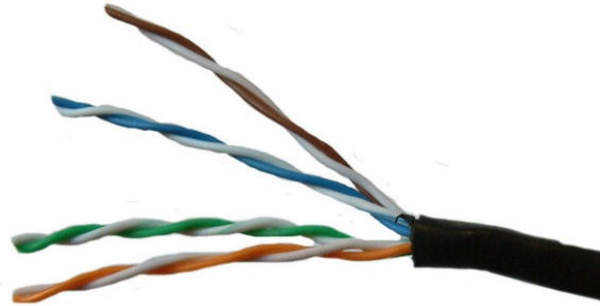


LEM03

Note: LEM03 can not be connected to SEM
Only 1 LEM can be connected to CM9000 or SEM



4 wire white cable

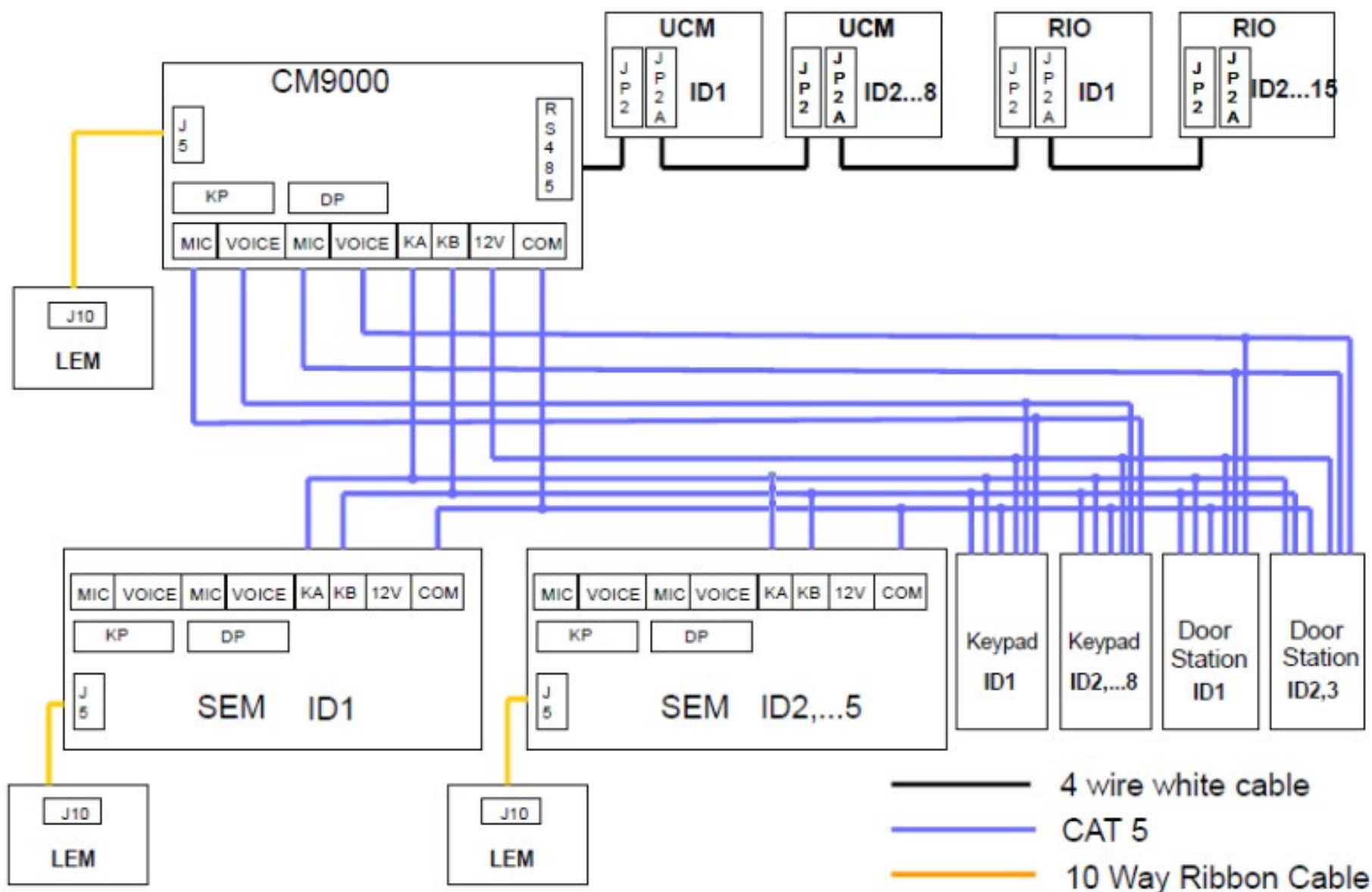


CAT5



10 way ribbon cable

Connection Diagram



ID Setting

by DIP Switch



D	C	B	A	ID
ON	ON	ON	ON	1
ON	ON	ON	OFF	1
ON	ON	OFF	ON	3
ON	ON	OFF	OFF	4
ON	OFF	ON	ON	5
ON	OFF	ON	OFF	6
ON	OFF	OFF	ON	7
ON	OFF	OFF	OFF	8

by Shunts



0---Closed
1---Open

D	C	B	A	ID
0	0	0	0	1
0	0	0	1	2
0	0	1	0	3
0	0	1	1	4
0	1	0	0	5
0	1	0	1	6
0	1	1	0	7
0	1	1	1	8