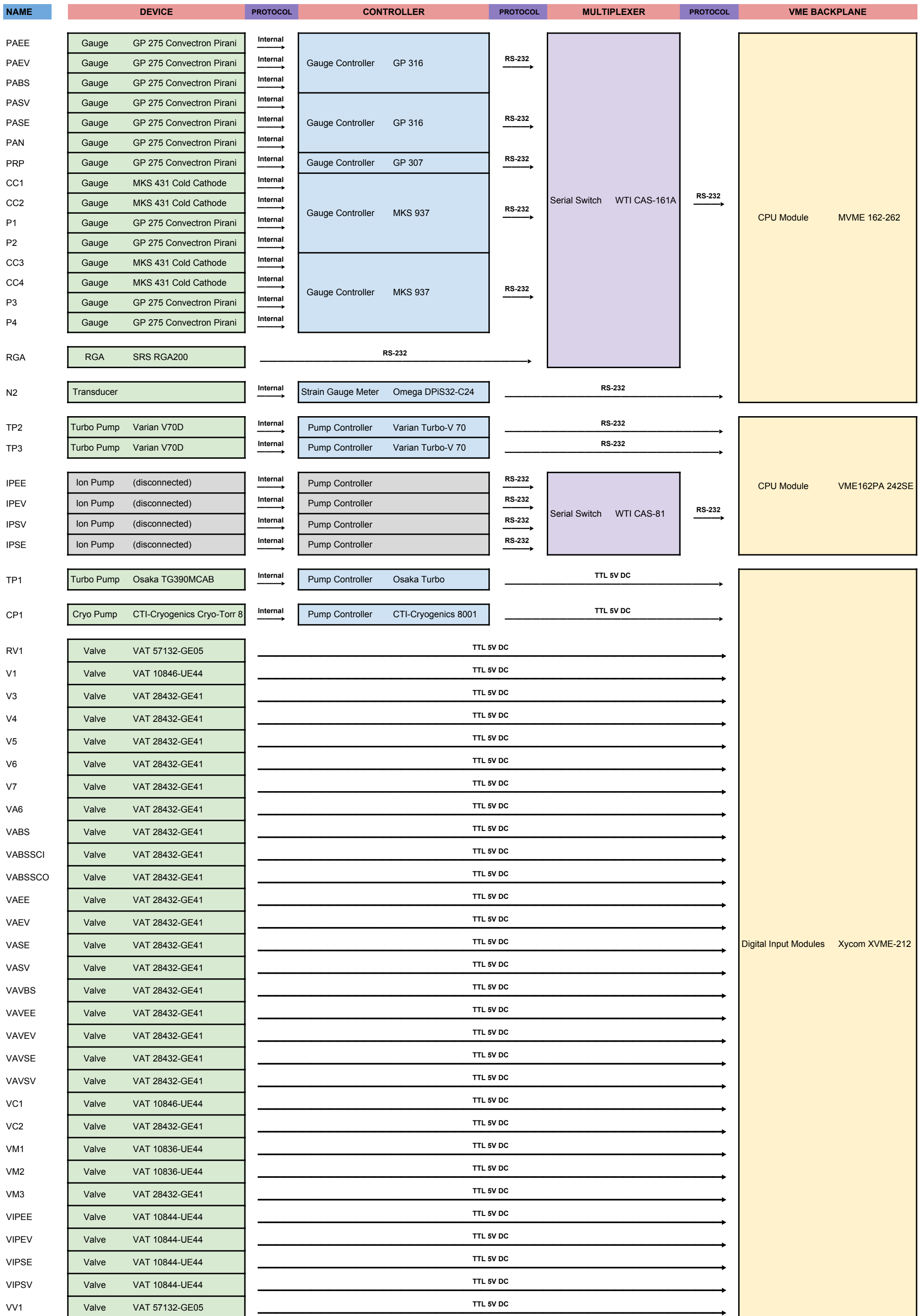


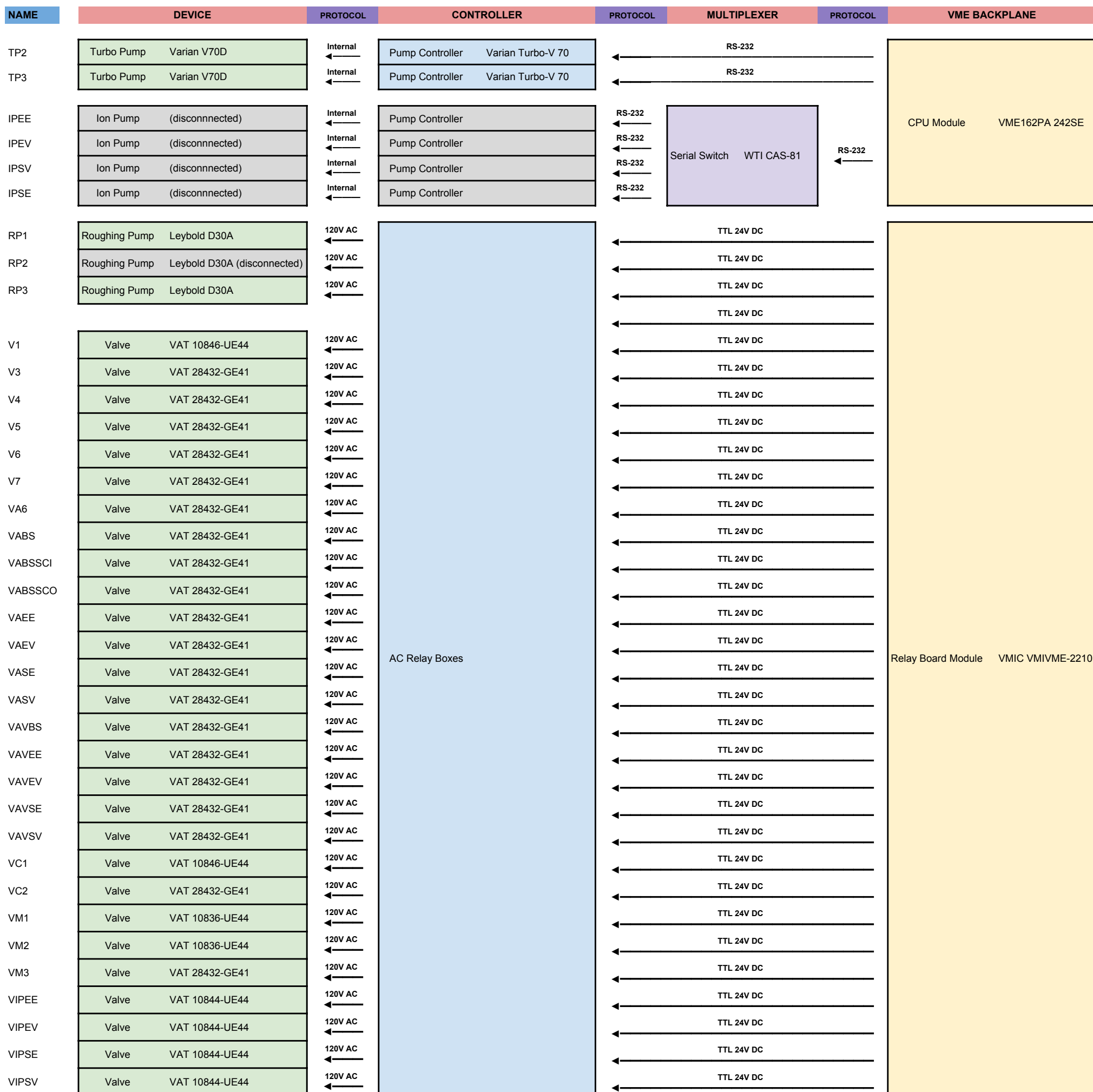
40m Vacuum System Signal Flow

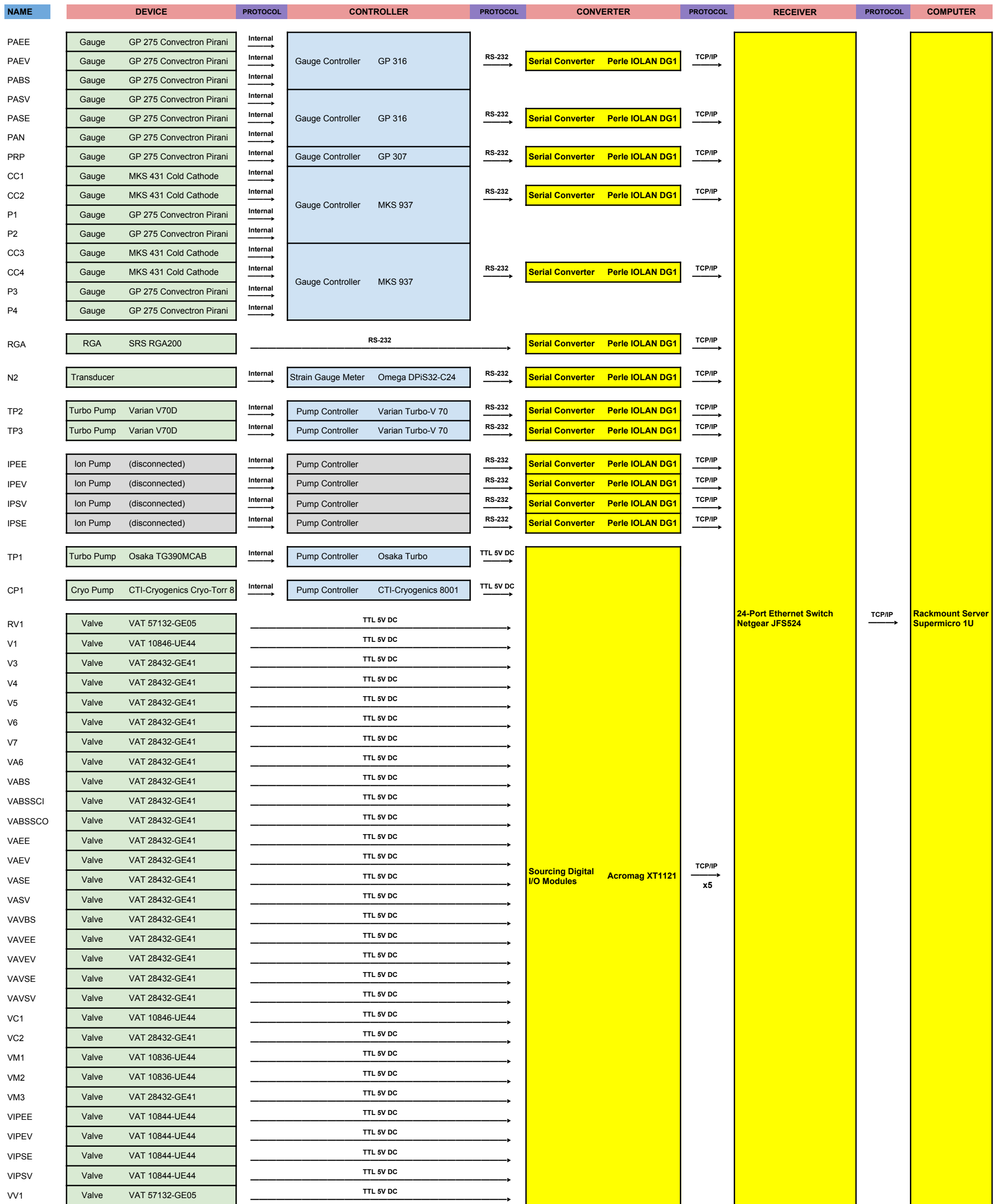
J. Richardson

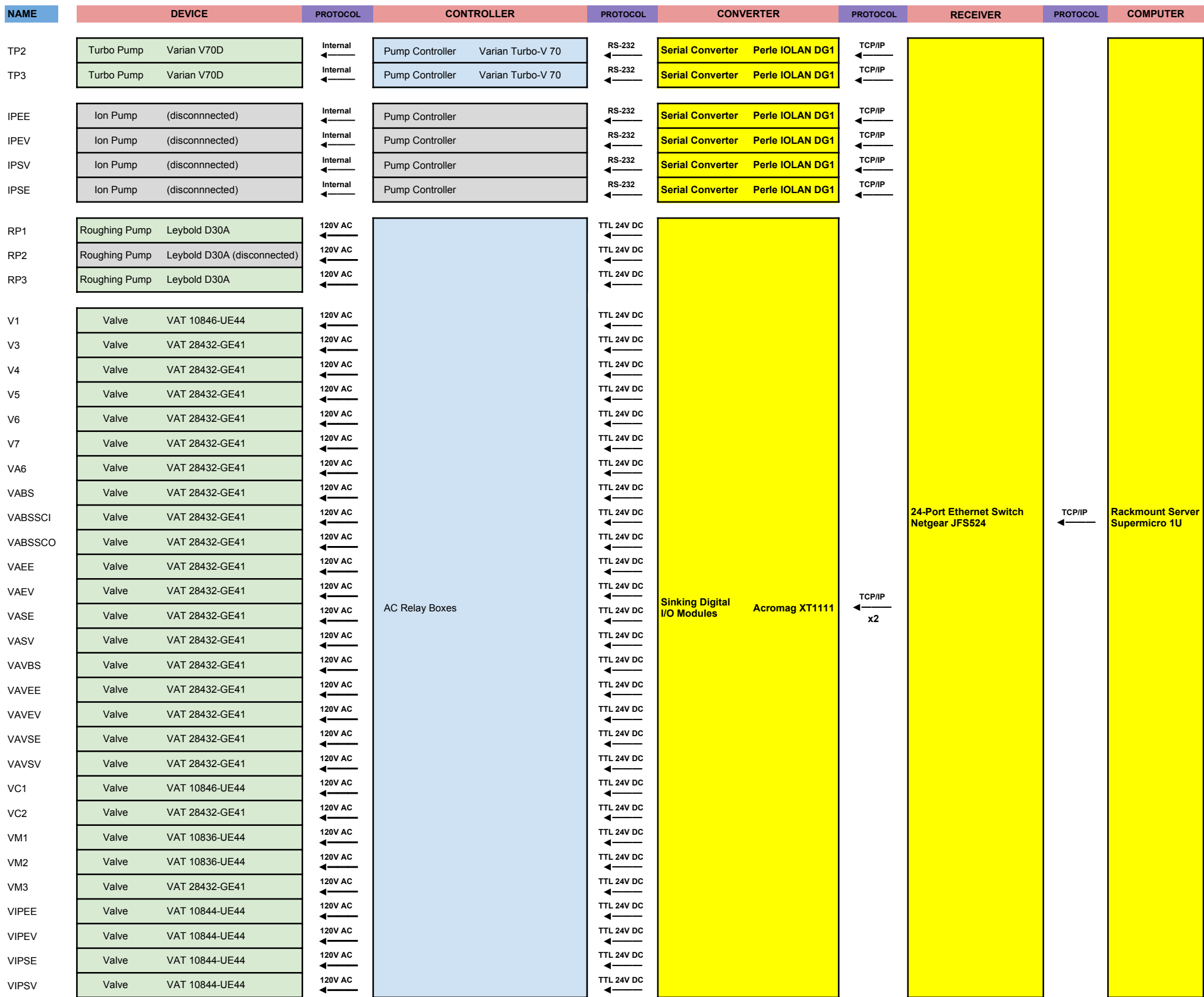
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Part Number	Description	Price	Quantity	Subtotal
Perle IOLAN DG1 (or equivalent)	Single-port serial to Ethernet converter	\$50	13	\$650
Netgear JFS524 (or equivalent)	24-port 10/100Mbps Ethernet switch	\$79	1	\$79
Acromag XT1121	16-channel sourcing digital I/O module	\$320	5	\$1,600
Acromag XT1111	16-channel sinking digital I/O module (we have already)	\$0	2	\$0
Supermicro 1U Rackmount	Rack server replacing c1vac1, c1vac2 (we have already)	\$0	1	\$0
			TOTAL	\$2,329