



# Topology

**Project:** Eghtesad

Import date: Saturday, March 16, 2019

**Print date:** **Saturday, September 28, 2019**

Print time: 10:47:27

Comments: akharin version ta 98/6/30

Status: Editing

## Topology Eghtesad

Address Description Room Comments Installation Notes	Manufacturer	Order Number	Product Trade	Application	Status
0	Backbone area				
0.0	TP	Backbone line			
1	New area				
1.0	TP	Main line			
1.1	TP	New line			
<b>131 devices in line</b>					
1.1.0	Albrecht Jung	2142REG	Area/line coupler	Coupler/repeater 901011	
CP					
1.1.1	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 1 (Saam)					
1.1.2	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 1 (Saam)					
1.1.3	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 2 (Sohrab)					
1.1.4	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 2 (Sohrab)					
1.1.5	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 3					
1.1.6	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 3					
1.1.7	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Lobi asansor					
1.1.8	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Living room					
1.1.9	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3	
1.1.10	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
1.1.11	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 2					
1.1.12	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 2					
1.1.13	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 2					
1.1.14	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Rakhtkan otagh 2					
1.1.15	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
Bedroom 1					
1.1.16	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Living room					

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1	New area				
1.1	TP	New line			
1.1.17	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
corridor 3					
1.1.18	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
Lobi asansor					
1.1.19	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
corridor 2					
1.1.20	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
Staircase Bedroom 1					
1.1.21	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
TV room					
1.1.22	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
TV room					
1.1.23	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 1					
1.1.24	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 1					
1.1.25	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom 1					
1.1.26	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Lobi asansor					
1.1.27	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
Lobi asansor					
1.1.28	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Dining room					
1.1.29	BOSMER	BSM GAP 191001	GAP 19-1001 Switch/Shutter Actuator 19f 10A	Switch/Shutter Actuator 19f 10A/16A	
CP					
1.1.30	Albrecht Jung	2316.16REGHE	Switching act. 16gang / shutter act. 8gang 16A SE	Switching, shutter/blind 207812	
CP					
1.1.31	Albrecht Jung	2304.16REGHE	Switching act. 4gang / shutter act. 2gang 16A SE	Switching, shutter/blind 20CA11	
CP					
1.1.32	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2-fold,10A,MDRC	Switch 2f 10A/2.0a	
CP (otagh koochike)					

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Address Description Room Comments Installation Notes	Manufacturer	Order Number	Product Trade	Application	Status
1	New area				
1.1	TP	New line			
1.1.33	Albrecht Jung	2308.16REGHE	Switching act. 8gang / shutter act. 4gang 16A SE	Switching, shutter/blind 208012	
CP1 (Roberoo rahpelle)					
1.1.34	ABB	2CDG 110 158 R0011	SA/S12.10.2.1 Switch Actuator,12-fold,10A,MDRC	Switch 12f 10A/3.2b	
CP2 (Kenare darb parking)					
1.1.35	ABB	2CDG 110 158 R0011	SA/S12.10.2.1 Switch Actuator,12-fold,10A,MDRC	Switch 12f 10A/3.2b	
CP2 (Kenare darb parking)					
1.1.36	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2-fold,10A,MDRC	Switch 2f 10A/2.0a	
CP1 (Roberoo rahpelle)					
1.1.37	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2-fold,10A,MDRC	Switch 2f 10A/2.0a	
CP1 (Roberoo rahpelle)					
1.1.38	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2-fold,10A,MDRC	Switch 2f 10A/2.0a	
CP					
1.1.39	ABB	2CDG 110 155 R0011	SA/S2.10.2.1 Switch Actuator,2-fold,10A,MDRC	Switch 2f 10A/3.2b	
CP					
1.1.40	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2-fold,10A,MDRC	Switch 2f 10A/2.0a	
CP					
1.1.41	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2-fold,10A,MDRC	Switch 2f 10A/2.0a	
CP					
1.1.42	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2-fold,FM	Binary Input Display Heat 2f/1.3b	
Bedroom 3					
1.1.43	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
Staircase					
1.1.44	ABB	2CDG 110 157 R0011	SA/S8.10.2.1 Switch Actuator,8-fold,10A,MDRC	Switch 8f 10A/3.2b	
CP					
1.1.45	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2-fold,10A,MDRC	Switch 2f 10A/2.0a	
CP					
1.1.46	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2-fold,FM	Binary Input Display Heat 2f/1.3b	
Bedroom 1 (Saam)					
1.1.47	ABB	GH Q631 0074	US/U2.2 Universal Interface,2-	Binary Input Display Heat	

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1	New area				
1.1	TP	New line R0111	fold,FM	2f/1.3b	
Bedroom 1 (Saam)					
1.1.48	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bath Bedroom 1					
1.1.49	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Fazaye miani					
1.1.50	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bedroom 2 (Sohrab)					
1.1.51	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bedroom 2 (Sohrab)					
1.1.52	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bath Bedroom 2					
1.1.53	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bedroom 3					
1.1.54	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2- fold,10A,MDRC	Switch 2f 10A/2.0a	
CP					
1.1.55	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bath Bedroom 3					
1.1.56	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bedroom 1					
1.1.57	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bedroom 1					
1.1.58	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bedroom 2					
1.1.59	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bedroom 2					
1.1.60	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Lobi Asansor					
1.1.61	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Lobi asansor					

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1	New area				
1.1	TP	New line			
1.1.62	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
Bath Bedroom 1					
1.1.63	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Fan Play Room roye in kelid asat Kitchen					
1.1.64	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Kitchen					
1.1.65	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Dining room					
1.1.66	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Hall & Bar					
1.1.67	ABB	2CDG 110 155 R0011	SA/S2.10.2.1 Switch Actuator,2- fold,10A,MDRC	Switch 2f 10A/3.2b	
Bedroom 1 (Saam)					
1.1.68	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Play room					
1.1.69	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Staircase					
1.1.70	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
TV room					
1.1.71	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Swimming pool					
1.1.72	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
WC 1					
1.1.73	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Rahro anbari					
1.1.74	ABB	6136/07-8xx-500	6136/07-8xx-500 Smart Touch 7	SmartTouch_PowerTool/1	
Kitchen					
1.1.75	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Bedroom					
1.1.76	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Biliard room					
1.1.77	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Biliard room					
1.1.78	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Biliard room					
1.1.79	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Corridor					

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1	New area				
1.1	TP	New line			
1.1.80 Kitchen	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
1.1.81 WC 2 (Enteha)	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2-fold,FM	Binary Input Display Heat 2f/1.3b	
1.1.83 Lobi asansor	ABB	6136/07-8xx-500	6136/07-8xx-500 Smart Touch 7	SmartTouch_PowerTool/1	
1.1.89 Lobi asansor	ABB	6136/07-8xx-500	6136/07-8xx-500 Smart Touch 7	SmartTouch_PowerTool/1	
1.1.90 Hall & Bar	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
1.1.91 CP	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2-fold,10A,MDRC	Switch 2f 10A/2.0a	
1.1.92 Corridor	ABB	6136/07-8xx-500	6136/07-8xx-500 Smart Touch 7	SmartTouch_PowerTool/1	
1.1.93 Kitchen	ABB	6136/07-8xx-500	6136/07-8xx-500 Smart Touch 7	SmartTouch_PowerTool/1	
1.1.94 Bath Bedroom 2	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2-fold,FM	Binary Input Display Heat 2f/1.3b	
1.1.95	Albrecht Jung	IPR200REG	KNXnet/IP Router	AP-IP-Router-1	
1.1.96 CP	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2-fold,10A,MDRC	Switch 2f 10A/2.0a	
1.1.97	Albrecht Jung	IPR200REG-01	KNXnet/IP Router	AP-IP-Router-1	
1.1.98 Lobi asansor	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
1.1.99 Corridor	ABB	6131/20-500	6131/20-500 Presence detector mini	Detector Constant light switch/3.2	
1.1.100 Bedroom	BOSMER	BSM GAP 191001	GAP 19-1001 Switch/Shutter Actuator 19f 10A	Switch/Shutter Actuator 19f 10A/16A	
1.1.101 CP	Albrecht Jung	2316.16REGHE	Switching act. 16gang / shutter act. 8gang 16A SE	Switching, shutter/blind 207812	
1.1.102	Albrecht Jung	3904REGHE	Universal dimming actuator, 4-gang	Dimming 302013	

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Address Description Room Comments Installation Notes	Manufacturer	Order Number	Product Trade	Application	Status
1	New area				
1.1 CP	TP	New line			
1.1.103 CP	ABB	2CDG 110 122 R0011	JRA/S8.230.2.1 Blind/RollerShutterAct,M,8f,230 V	Blind/Roller Shutter 8f 230V M/1.4	
1.1.104 CP	Albrecht Jung	2316.16REGHE	Switching act. 16gang / shutter act. 8gang 16A SE	Switching, shutter/blind 207812	
1.1.105 CP	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2- fold,10A,MDRC	Switch 2f 10A/2.0a	
1.1.107 CP	ABB	2CDG 110 171 R0011	LK/S4.2 Line/Area Coupler,MDRC	Couple Repeat/2.1	
1.1.109 CP	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2- fold,10A,MDRC	Switch 2f 10A/2.0a	
1.1.110 CP	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2- fold,10A,MDRC	Switch 2f 10A/2.0a	
1.1.111 CP	Albrecht Jung	2316.16REGHE	Switching act. 16gang / shutter act. 8gang 16A SE	Switching, shutter/blind 207812	
1.1.112 CP	Albrecht Jung	2316.16REGHE	Switching act. 16gang / shutter act. 8gang 16A SE	Switching, shutter/blind 207812	
1.1.113 CP	Albrecht Jung	2304.16REGHE	Switching act. 4gang / shutter act. 2gang 16A SE	Switching, shutter/blind 20CA11	
1.1.114 CP	ABB	6197/1x-101-500	6197/1x-101-500 Univ. Dimming Actuator 4-f, MDRC	Dimming Switch Logic Characteristic curve/1.5	
1.1.115 CP	Albrecht Jung	3902REGHE	Universal dimming actuator, 2- gang	Dimming 302313	
1.1.116 CP	ABB	2CDG 110 129 R0011	JRA/S2.230.1.1 Blind/RollerShutterAct,2f,230V	Blind/Roller Shutter 2f 230V/1.3b	
1.1.117 CP	ABB	2CDG 110 129 R0011	JRA/S2.230.1.1 Blind/RollerShutterAct,2f,230V	Blind/Roller Shutter 2f 230V/1.3b	
1.1.118	BOSMER	BSM GAP 191001	GAP 19-1001 Switch/Shutter Actuator 19f 10A	Switch/Shutter Actuator 19f 10A/16A	



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1	New area				
1.1 CP	TP	New line			
1.1.119 Bath Bedroom 2	ABB	GH Q631 0074 R0111	US/U2.2 Universal Interface,2- fold,FM	Binary Input Display Heat 2f/1.3b	
1.1.120 CP	Albrecht Jung	2316.16REGHE	Switching act. 16gang / shutter act. 8gang 16A SE	Switching, shutter/blind 207812	
1.1.121 CP	Albrecht Jung	2316.16REGHE	Switching act. 16gang / shutter act. 8gang 16A SE	Switching, shutter/blind 207812	
1.1.122 CP	Albrecht Jung	2316.16REGHE	Switching act. 16gang / shutter act. 8gang 16A SE	Switching, shutter/blind 207812	
1.1.123 CP	Albrecht Jung	2316.16REGHE	Switching act. 16gang / shutter act. 8gang 16A SE	Switching, shutter/blind 207812	
1.1.124 CP	Albrecht Jung	2316.16REGHE	Switching act. 16gang / shutter act. 8gang 16A SE	Switching, shutter/blind 207812	
1.1.125 CP	Albrecht Jung	2308.16REGHE	Switching act. 8gang / shutter act. 4gang 16A SE	Switching, shutter/blind 208012	
1.1.126 CP	Albrecht Jung	3902REGHE	Universal dimming actuator, 2- gang	Dimming 302313	
1.1.127 CP	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2- fold,10A,MDRC	Switch 2f 10A/2.0a	
1.1.128 CP2 (Kenare darb parking)	ABB	2CDG 110 039 R0011	SA/S2.10.1 Switch Actuator,2- fold,10A,MDRC	Switch 2f 10A/2.0a	
1.1.129 CP2 (Kenare darb parking)	BOSMER	231456	LV-P 4	LedDriver	
1.1.150 Swimming pool	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
1.1.154 CP	Albrecht Jung	IPR200REG	KNXnet/IP Router	AP-IP-Router-1	
1.1.163 Parking	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
1.1.167 Living room	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
1.1.172	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	

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Address	Manufacturer	Order Number	Product	Application	Status
1	New area				
1.1	TP	New line			
Living room					
1.1.200	BOSMER	231456	LV-P 4	LedDriver	
CP					
1.1.201	BOSMER	231456	LV-P 4	LedDriver	
CP					
1.1.202	ABB	6197/1x-101-500	6197/1x-101-500 Univ. Dimming Actuator 4-f, MDRC	Dimming Switch Logic Characteristic curve/1.5	
CP					
1.1.209	ABB	634x-xxx-500	634x-xxx-500 Busch-priOn	Busch-priOn TP/1.5	
Kitchen					