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CN-ALU-SMD	Polarized Capacitor	C1, C2	CAP-ALU-SMD-F	CN-ALU-SMD	2
CN	(Axial)	G3, C4, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17_IN1, C15, C17_IN2, C17_IN3, C17_IN4, C17_IN5, C17_IN6, C17_IN7, C17_IN6, C17_IN7, C17_IN1, C17_IN1, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27	CN-SMD-0603_big	CN CN	32
JP3	WR-PHD 2.54 mm Angled Socket Header	C5	JP3-CLOSED	JP3	1
10nF	7 angliod oboliot Froduct	C6, C7	CN-SMD-0805	CN	2
LED		D1, D2, D4, D5, D6, D7, D8, LED1, LED18, S1, S2, S3, S4, S5, S6, S7, S8, S9	LED-0805-Blue	LED SMD	18
Diode	Default Diode	D2, D3	DIO-SMD-106- HayDung	Diode	2
1N4148	Default Diode	D10	DIO-SMD-106- HayDung	Diode	1
600R@100Mhz		F1	Capacitor_805	Ferrite	1
IDC20X2	IDC 13x2	HD1	IDC40	IDC20X2	1
IDC 7x2	0.000.000	HD2	IDC14	IDC 7X2	1
74HC595	8 Bit Serial input - Parallel Output Receptacle Assembly,	IC1, IC2	SO16	74595	2
A32121-ND	15 Position, Right Angle	J1, J2	DB15	DB15	2
DB37 Female		J3 LED17_IN1,	DB37	DB37 Female	1
LED		LED17_IN2, LED17_IN3, LED17_IN4, LED17_IN5, LED17_IN6, LED17_IN7, LED17_IN8, LED17_IN9, LED17_IN10,	LED-0805-Green	LED SMD	11
LogoMwork		LED17_IN11 mWorkLogo?	LogoMwork30*12	LogoMwork	1
2SC1815	NPN 600mW, ECB	Q1	TO92-123	2SC1815	1
1M	THE TO COMMENT COST	R1	RES-SMD-0805	R	1
1K		R2, R3, R4, R25	RES-SMD-0603_BIG	R	4
10K R		R5, R6, R7, R24 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23	RES-SMD-0603_BIG RES-SMD-0603_BIG	R	16
5K		R26_IN1, R26_IN2, R26_IN3, R26_IN4, R26_IN5, R26_IN6, R26_IN7, R26_IN8, R26_IN9, R26_IN10, R26_IN11	RES-SMD-0603_BIG	R	11
390		R27_IN1, R27_IN2, R27_IN3, R27_IN4, R27_IN5, R27_IN6, R27_IN7, R27_IN8, R27_IN7, R27_IN10, R27_IN111	RES-SMD-0603_BIG	R	11
2K		R28_IN1, R28_IN2, R28_IN3, R28_IN4, R28_IN5, R28_IN6, R28_IN7, R28_IN8, R28_IN9, R28_IN10, R28_IN11	RES-SMD-0603_BIG	R	11
2.2K	Polay SDDT 10A	R29, R30	RES-SMD-0805	R	2
Relay 10A/12V	Relay SPDT,10A - 12VDC 5 Pin	RL1	RELAY 5	Relay 5	1
TP	Test Point	TP1, TP2	TP1	TP1	2
LM1117-3.3V	800mA Low-Dropout Linear Regulator	U1	SOT223	LM1117	1
7414	IC, M74HC04M, Hex Inverter, SO-14	U2, U3	SO14	7414	2
PC847	Single Opto	U4_IN1, U4_IN2, U4_IN3, U4_IN4, U4_IN5, U4_IN6, U4_IN7, U4_IN8, U4_IN9, U4_IN10, U4_IN11	DIP4	PC817	11