

Open-PLC-Project

| # | Reference | Value | Qty | DNP | Manufacturer | 설명 |
|----|----------------------------|----------------------|-----|-----|--------------|--|
| 1 | C1,C2 | 0603N120J500 | 2 | | WALSIN | 15pF \pm 5% 50V NP0 |
| 2 | C3 | 0603X475K100 | 1 | | WALSIN | 4.7uF \pm 10% 10V X5R |
| 3 | C4,C5,C6,C7,C8,C12,C13,C15 | 0603B104K500 | 8 | | WALSIN | 100nF \pm 10% 50V X7R |
| 4 | C9,C10,C11 | 1210B225K101 | 3 | | WALSIN | 2.2uF \pm 10% 100V X7R |
| 5 | C14 | 1206B226K100 | 1 | | WALSIN | 22uF \pm 10% 10V X7R |
| 6 | L1 | SWPA5040S150MT | 1 | | Sunlord | 15uH \pm 20% 0.086 Ohm 2.0A Isat Shielded |
| 7 | R1 | WR06X1002FTL | 1 | | WALSIN | 10 kOhm 1% 1/10W |
| 8 | R2 | WR06X0000JTL | 1 | DNP | WALSIN | 0 Ohm 5% 1/10W |
| 9 | R3 | WR06X4123FTL | 1 | | WALSIN | 412 kOhm \pm 1% 1/10W |
| 10 | R4 | WR06X2003FTL | 1 | | WALSIN | 200 kOhm \pm 1% 1/10W |
| 11 | R5 | WR06X5102FTL | 1 | | WALSIN | 51kOhm \pm 1% 1/10W |
| 12 | R6 | WR06X2212FTL | 1 | | WALSIN | 22.1kOhm \pm 1% 1/10W |
| 13 | U1 | STM32F446RET6 | 1 | | ST | ARM Cortex-M4 512kB Flash 128kB RAM 180MHz |
| 14 | U2 | TPS560430XDBV | 1 | | TI | SIMPLE SWITCHER 4V to 36V, 600mA Synchronous Step-Down Converter |
| 15 | U3 | CA-IS3052CW | 1 | | TI | Isolated CAN Transceiver |
| 16 | X1 | 1532H4-12000JWPDTSNL | 1 | | HCI | 12MHz 15pF -40~85°C |