

NOTES: 1. Abbreviations

TR – Transistor, SID – Silicon Diode, ZD – Zener Diode, Varicap – Variable Capacitance Diode
RK – Carbon Resistor, RM – Metal Film Resistor, RF – Fail Safe Type Resistor, RC – Cement Resistor
CE – Electrolytic Capacitor, CML – Mylar Capacitor, CC – Ceramic Capacitor, CPP – PP Capacitor,
CMM – Metalized Mylar Capacitor, CSP – Polystyrene Capacitor, C – Mica Capacitor,
CT – Tantalum Capacitor

2. Description of capacitor: 10 16V = 10μ 16V

3.1. Volume LED P.C.B. Ass'y

3.1. Volume LED P.C.B. Ass'y			Schematic			3.2. Sensor P.C.B. Ass'y			Schematic		
Schematic Ref. No.	Part No.	Description	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
ED611 CN108	BA08955A	Volume LED P.C.B. Ass'y	ED604,605	0C85387A	LED SLR-34DC3F	C145L,R	0B41974A	CC 100P 50V J	C145L,R	0B41974A	CC 100P 50V J
			ED605,606	0C85387A	LED SLR-34DC3F	C146L,R	0B40784A	CE 4.7 50V	C146L,R	0B40784A	CE 4.7 50V
			ED607,608	0C85387A	LED SLR-34DC3F	C147L,R	0B09045A	CML 0.027 50V J	C147L,R	0B09045A	CML 0.027 50V J
			D141L,R	0B06398A	SID 1SS176	C148L,R	0B41306A	CML 0.47 50V J	C148L,R	0B41306A	CML 0.47 50V J
			D601	0B12693A	SID S5688B	C149L,R	0B05687A	CML 1200P 50V J	C149L,R	0B05687A	CML 1200P 50V J
			D602	0B06398A	SID 1SS176	C150L,R	0B05582A	CML 0.022 50V J	C150L,R	0B05582A	CML 0.022 50V J
			D604,605	9B80082A	Jumper Wire (EP, UK, GER)	C151L,R	0B05582A	CML 0.022 50V J	C151L,R	0B05582A	CML 0.022 50V J
				0B12693A	SID S5688B (AUS, SAU, OTR, JPN)	C461,462	0B40557A	CE 1 50V	C461,462	0B40557A	CE 1 50V
						C463,464	0B40784A	CE 4.7 50V	C463,464	0B40784A	CE 4.7 50V
						C601	0B41554A	CC 0.022 25V Z	C601	0B41554A	CC 0.022 25V Z
ED610 R631 R632 R633 C608 M601 S107 CN112	BA08950A	Sensor P.C.B. Ass'y	X601	0B92043A	X'tal 4.19MHz	C602	0B47117A	CC 0.1 50V K	C602	0B47117A	CC 0.1 50V K
			L601	0B51378W	Inductor 68uH	C603	0B40786A	CE 330 6.3V	C603	0B40786A	CE 330 6.3V
			VR101	0B30139A	VR 250 KMN	C604	0B41554A	CC 0.022 25V Z	C604	0B41554A	CC 0.022 25V Z
			VR104,105	0B30140A	VR 100 KC	C605	0B40158A	CE 100 6.3V	C605	0B40158A	CE 100 6.3V
			RA601	0B21103A	R Network 47Kx15	C607	0B40501A	CE 0.1 5.5V	C607	0B40501A	CE 0.1 5.5V
			R141L,R	0B01679A	RK 100 1/4W J	S103	0B70186A	Rotary Switch 1-12NS	S103	0B70186A	Rotary Switch 1-12NS
			R142L,R	0B01684A	RK 470K 1/4W J	S104	0B70191A	Rotary Switch 1-7NS	S104	0B70191A	Rotary Switch 1-7NS
			R143L,R	0B01846A	RK 4.7K 1/4W J	S105	0B70196A	Push Switch	S105	0B70196A	Push Switch
			R144L,R	0B01846A	RK 4.7K 1/4W J	CN102	0B80337C	3P Connector Ass'y	CN102	0B80337C	3P Connector Ass'y
			R145L,R	0B01706A	RK 47 1/4W J	CN104	0B80338B	5P Connector Ass'y	CN104	0B80338B	5P Connector Ass'y
U601 U602 Q141L,R Q142L,R Q143L,R Q144L,R Q145L,R Q146L,R Q147L,R Q461 Q462 Q463 Q464 Q601 Q603 Q604,605 Q606 Q608,609 Q610,611 Q612,613 ZD41L,R ZD42,43 ED601,603	BA08946A	Front P.C.B. Ass'y (EP, UK, GER)	R146L,R	0B01706A	RK 47 1/4W J	CN107	0B80369B	4P Connector Ass'y	CN107	0B80369B	4P Connector Ass'y
			R147L,R	0B05614A	RK 1.8K 1/4W J	CN109	0B80346A	7P Connector Ass'y	CN109	0B80346A	7P Connector Ass'y
			R148L,R	0B05560A	RK 18K 1/4W J	CN110	0B80353A	4P Connector Ass'y	CN110	0B80353A	4P Connector Ass'y
			R149L,R	0B05575A	RK 560 1/4W J	CN111	0B80363A	4P Connector Ass'y	CN111	0B80363A	4P Connector Ass'y
			R150L,R	0B01933A	RK 220 1/4W J	CN112	0B80347A	5P Connector Ass'y	CN112	0B80347A	5P Connector Ass'y
			R151L,R	0B05575A	RK 560 1/4W J	CN113	0B80348B	3P Connector Ass'y	CN113	0B80348B	3P Connector Ass'y
			R152L,R	0B01706A	RK 47 1/4W J	CN114	0B80361A	3P Connector Ass'y	CN114	0B80361A	3P Connector Ass'y
			R153L,R	0B01706A	RK 47 1/4W J	CN115	0B80352B	4P Connector Ass'y	CN115	0B80352B	4P Connector Ass'y
			R154L,R	0B01857A	RK 1.0K 1/4W J	M101	0B90429A	C. Clip (5)	M101	0B90429A	C. Clip (5)
			R155L,R	0B05508A	RK 56K 1/4W J	JP601	0B80395A	Ground 8 Ass'y	JP601	0B80395A	Ground 8 Ass'y
U601 U602 Q141L,R Q142L,R Q143L,R Q144L,R Q145L,R Q146L,R Q147L,R Q461 Q462 Q463 Q464 Q601 Q603 Q604,605 Q606 Q608,609 Q610,611 Q612,613 ZD41L,R ZD42,43 ED601,603	BA08947A	Front P.C.B. Ass'y (AUS, SAU, OTR, JPN)	R156L,R	0B05784A	RK 560K 1/4W J	0B84386A	6P Wire Holder (CN107)	0B84386A	6P Wire Holder (CN107)		
			R157L,R	0B01857A	RK 1.0K 1/4W J	0B84385A	5P Wire Holder (CN104/CN111/CN112)	0B84385A	5P Wire Holder (CN104/CN111/CN112)		
			R158L,R	0B01854A	RK 39K 1/4W J	0B84387A	7P Wire Holder (CN109)	0B84387A	7P Wire Holder (CN109)		
			R159L,R	0B01854A	RK 39K 1/4W J	0B84383A	3P Wire Holder (CN113/CN114)	0B84383A	3P Wire Holder (CN113/CN114)		
			R160L,R	0B09075A	RK 30K 1/4W J	0B80379B	Ground 7 Ass'y (1)	0B80379B	Ground 7 Ass'y (1)		
			R161L,R	0B05641A	RK 47K 1/4W J	0J06295A	LED Reflector (6)	0J06295A	LED Reflector (6)		
			R162L,R	0B09696A	RK 6.2K 1/6W J	0B84395A	LED Spacer	0B84395A	LED Spacer		
			R163L,R	0B05698A	RK 1.5K 1/4W J						
			R164L,R	0B01857A	RK 1.0K 1/4W J						
			R165L,R	0B01888A	RK 10K 1/4W J						