

SCALA_INTERCOM_PASSENGER_BOM

CARDO	QTY	LOCATION	DESCRIPTION	MAN P/N	MANUFACTURER
AMP002G	1	U12	Audio Amplifier LM4864MX	LM4864MX/NOBP	National
AMP004G	4	U23,U24,U25,U27	Low Input Single Op Amp LMMV301MG	LMMV301MG/NOBP	National Semi.
AMP004G	4	U23,U24,U25,U27	Low Input Single Op Amp LMMV301MG	MCP6001T-I/LT	Microchip
AMP008G	1	U14	Dual low voltage Op Amp LMMV358 TSSOP-8	LMMV358IPWRE4	Texas Instruments
BAT004G	1	B+ B- Manual Solder	Battery Li Polymer 20x50x4.5mm	YT452050	Yantong
CAP002G	7	C66,C134,C138,C154,C155,C165,C170	Capacitor 10pF ±5% 50V 0402 COG	CC0402JRNPO9BN100	Yageo
CAP002G	7	C66,C134,C138,C154,C155,C165,C170	Capacitor 10pF ±5% 50V 0402 COG	CC0402ERNPO9BN100	Yageo
CAP002G	7	C66,C134,C138,C154,C155,C165,C170	Capacitor 10pF ±5% 50V 0402 COG	CL05C100JB5NNNC	Samsung
CAP007G	1	C81	Capacitor 220pF ±10% 50V 0402 X7R	CL05B221KB5NNNC	Samsung
CAP008G	20	C54,C56,C63,C73,C75,C78,C83,C122,C130 C135,C157,C158,C159,C174,C175,C178 C180,C181,C187,C190,C192,C201	Capacitor 100nF ±80% -20% 16V 0402 (Y5V)	CC0402ZRY5V7BB104	Yageo
CAP008G	20	C54,C56,C63,C73,C75,C78,C83,C122,C130 C135,C157,C158,C159,C174,C175,C178 C180,C181,C187,C190,C192,C201	Capacitor 100nF ±80% -20% 16V 0402 (Y5V)	CL05F104ZO5NNNC	Samsung
CAP009G	7	C36,C37,C38,C50,C119,C124,C127	Capacitor 100nF ±10% 10V or 16V 0402 (X7R)	CL05B104KP5NNNC	Samsung
CAP009G	7	C36,C37,C38,C50,C119,C124,C127	Capacitor 100nF ±10% 10V or 16V 0402 (X7R)	CC0402KRX7R6BB104	Yageo
CAP010G	2	C128,C129	Capacitor 100pF ±5% 50V 0402 COG	CL05C101JB5NNNC	Samsung
CAP014G	3	C139,C146,C152	Capacitor 10nF ±80% -20% 50V 0402 Y5V	CL05F103ZB5NNNC	Samsung
CAP019G	1	C167	Capacitor 2.2uF ±80% -20% 16V 0805 Y5V	0805Y225Z160N3	Hitano
CAP019G	1	C167	Capacitor 2.2uF ±80% -20% 16V 0805 Y5V	CL21F225ZO5NNNE	Samsung
CAP019G	1	C167	Capacitor 2.2uF ±80% -20% 16V 0805 Y5V	CC0805ZKY5V7BB225	Yageo
CAP020G	1	C143	Capacitor 2.2nF ±10% 50V 0402 X7R	CL05B222KB5NNNC	Samsung
CAP023G	4	C65,C84,C86,C136	Capacitor 10pF ±5% or ±0.5pF 50V 0603 -COG	CL10C100DB8NNNC	Samsung
CAP023G	4	C65,C84,C86,C136	Capacitor 10pF ±5% or ±0.5pF 50V 0603 -COG	0603N100F500NT	Hitano 1%
CAP023G	4	C65,C84,C86,C136	Capacitor 10pF ±5% or ±0.5pF 50V 0603 -COG	CC0603JRNPO9BN100	Yageo
CAP024G	4	C64,C85,C151,C156	Capacitor 33pF ±5% 50V 0603 -COG!!	CL10C330JB8NNNC	Samsung
CAP024G	4	C64,C85,C151,C156	Capacitor 33pF ±5% 50V 0603 -COG!!	CC0603JRNPO9BN330	Yageo
CAP026G	3	C144,C147,C153	Capacitor 1nF ±10% 50V 0402 X7R	CL05B102KB5NNNC	Samsung
CAP033G	2	C51,C210	Capacitor 1uF±20% 10V or 16V 0603 X5R	0603Y105M100NT	Hitano
CAP033G	2	C51,C210	Capacitor 1uF±20% 10V or 16V 0603 X5R	0603X105K160NT (16V)	Hitano
CAP033G	2	C51,C210	Capacitor 1uF±20% 10V or 16V 0603 X5R	CL10F105MP8NNNC	Samsung
CAP038G	3	C58,C68,C203	Capacitor 220nF ±10% 10V 0603 X7R	CC0603KRX7R7BB224	Yageo
CAP039G	2	C52,C62	Capacitor 470nF ±10% 10V 0603 X7R	CL10B474KP8NNNC	Samsung
CAP045G	5	C55,C67,C102,C103,C166	Capacitor 33pF ±5% 50V 0402 COG	CC0402JRNPO9BN330	Yageo

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CAP046G	2	C77,C179	Capacitor 4.7uF ±20% 6.3V 0805 X5R	CL21A475KQFNNNC	Samsung
CAP046G	2	C77,C179	Capacitor 4.7uF ±20% 6.3V 0805 X5R	CL21A475KPFNNNE (10%)	Samsung
CAP049G	1	C148	Capacitor 2.2pF ±5% 50V 0402 COG	CL05C2R2CB5ANNC	Samsung
CAP050G	1	C182	Capacitor 15nF ±10% 16V 0402	0402B153K160NU	Hitano
CAP051G	1	C183	Capacitor 8.2nF ±10% 16V 0402 X5R	CL05B822KA5NNNC	Samsung
CAP052G	7	C171,C211,C212,C213,C214,C215,C217	Capacitor 560pF ±10% 16V 0402 X5R	CL05B561KBNNNC	Samsung
CAP053G	2	C149,C173	Capacitor 1pF ±0.1pF 16V 0402	CL05C010BB5ANNC	Samsung
CAP055G	1	C145	Capacitor 33nF ±10% 16V 0402 X7R	CL05B333KO5NNNC	Samsung
CAP056G	2	C140,C141	Capacitor 15pF ±5% 16V 0402 COG	CL05C150JB5NNNC	Samsung
CAP056G	2	C140,C141	Capacitor 15pF ±5% 16V 0402 COG	CC0402JRNPO9BN150	Yageo
CAP057G	1	C169	Capacitor 4.7nF ±10% 16V 0402	CL05B472KB5NNNC	Samsong
CAP070G	1	C216	Capacitor 220nF ±10% 6.3V 0402	CC0402KRX7R6BB224	Yageo
CAP075G	4	C74,C123,C163,C177	Capacitor 1uF +80% -20% 6.3V 0402 Y5V	0402Y105Z063NT	Hitano
CAP077G	2	C142,C150	Capacitor 4.7pF ±5% 16V 0402 COG	CL05C4R7CB5ANNC	Samsung
CONT02G	1	U18	Nordic Microcontroller NRF24E1	nRF24E1G	Nordic
CONT04G	1	U9	Microcontroller 8-bit 2k word flash	ATMEGA48V-10AU	Atmel
CRY001G	1	Y2	Crystal 16 MHz 10PPM, SMD 2.5*4.2	XTL551090JJE-16.0MHZ-9.0R	Siward
CRY001G	1	Y2	Crystal 16 MHz 10PPM, SMD 2.5*4.2	TN4-25888	Toyocom
DIO018G	1	D2	Double Diodes BAV99T SOT490 SOT-523	1PS89SS04	Philips
DIO018G	1	D2	Double Diodes BAV99T SOT490 SOT-523	BAV99T-7-F	Diodes Inc
DIO019G	4	D11,D13,D14,D15	Double Schottky BAT54T SOT490 SOT523	1PS89SB16	Philips
DIO019G	4	D11,D13,D14,D15	Double Schottky BAT54T SOT490 SOT523	BAT54AT-7-F	Diodes
FLASH3G	1	U19	Eeprom 32Kbit 2.7V TSSOP-8	AT25320A-10TU-2.7	Atmel
HPCB07G	1	PCB2	Scala-rider small PCB	401-02-00-000G	PCB
IND016G	1	L10	Inductance 2.7nH ±5% 300-320mA 0402	Murata	LQG15HN2N7S02
IND011G	2	L11,L12	Inductance 5.6nH 0402	Murata	LQG15HN5N6S02
IND012G	1	L9	Inductance 10nH 0402	Murata	LQG15HN10NJ02
JACK001G	1	J4	DC jack connector	DS-104-2(1.3)	Yuqiu Electronic
LDO001G	1	U11	Regulator low dropout 3.1V	LP3984IMF-3.1/NOPB	National
LED011G	1	LD23	Red+Blue Du-Color Led 1.6X1.7	RF-PIS195TS	Refond
LED011G	1	LD23	Red+Blue Du-Color Led 1.6X1.7	WW-PIS195TS	Wah Wang Holdings
LOGIC01G	1	U8	Single Inverter Gate SC-70	SN74AHC1G04DCKR	Texas Instrument
MIC006G	1	MK1 Manual Solder	Mic. Omni EM6027P-42BC10&33-G	EM6027P-42BC10&33-G	Horn
REG003G	1	U28	Charging Control MCP73843-420I/MS MSOP-8	MCP73843-420I/MS	Microchip
RES001G	1	R24	Resistor 0R 1/16W 0402	RC1005J000CS	Samsung
RES001G	1	R24	Resistor 0R 1/16W 0402	RC0402JR-070RL	Yageo

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RES004G	3	R210,R214,R247	Resistor 150R ±5% 1/16W 0402	RC1005J151CS	Samsung
RES004G	3	R210,R214,R247	Resistor 150R ±5% 1/16W 0402	RC0402JR-07150RL	Yageo
RES005G	1	R1	Resistor 470R ±5%, 1/16W, 0402	RC1005J471S	Samsung
RES007G	1	R121	Resistor 180K ±5% 1/16W 0402	RC0402JR-07180KL	Yageo
RES010G	5	R85,R119,R190,R200,R217	Resistor 1K ±5% 1/16W 0402	RC1005J102CS	Samsung
RES010G	5	R85,R119,R190,R200,R217	Resistor 1K ±5% 1/16W 0402	RC0402JR-071KL	Yageo
RES011G	13	R65,R67,R76,R79,R83,R95,R120,R123 R178,R180,R189,R259,R262	Resistor 100K ±5% 1/16W 0402	RC1005J104CS	Samsung
RES011G	13	R65,R67,R76,R79,R83,R95,R120,R123 R178,R180,R189,R259,R262	Resistor 100K ±5% 1/16W 0402	RC0402JR-07100KL	Yageo
RES012G	10	R78,R113,R117,R167,R199,R201,R202 R203,R219,R260	Resistor 10K ±5% 1/16W 0402	RC1005J103CS	Samsung
RES012G	10	R78,R113,R117,R167,R199,R201,R202 R203,R219,R260	Resistor 10K ±5% 1/16W 0402	RC0402JR-0710KL	Yageo
RES014G	7	R114,R124,R244,R245	Resistor 4.7K ±5% 1/16W 0402	RC1005J472CS	Samsung
RES014G	7	R114,R124,R244,R245	Resistor 4.7K ±5% 1/16W 0402	RC0402JR-074K7L	Yageo
RES016G	3	R129,R179,R205	Resistor 1M ±5% 1/16W 0402	RC1005J105CS	Samsung
RES016G	3	R129,R179,R205	Resistor 1M ±5% 1/16W 0402	RC0402JR-071ML	Yageo
RES018G	3	R80,R94,R235	Resistor 20K ±5%, 1/16W, 0402	RC1005J203CS	Samsung
RES018G	3	R80,R94,R235	Resistor 20K ±5%, 1/16W, 0402	RC0402JR-0720KL	Yageo
RES022G	1	R266	Resistor 3K ±5% 1/16W 0402	RC0402JR-073KL	Yageo
RES023G	1	R188	Resistor 470K ±5%, 1/16W, 0402	RC1005J474CS	Samsung
RES023G	1	R188	Resistor 470K ±5%, 1/16W, 0402	RC0402JR-07470KL	Yageo
RES026G	1	R258	Resistor 330R ±5% 1/16W 0402	RC0402JR-07330RL	Yageo
RES026G	1	R258	Resistor 330R ±5% 1/16W 0402	RC1005J331CS	Samsung
RES027G	8	R11,R118,R136,R137,R144,R146,R161,R21	Resistor 47K ±5% 1/16W 0402	RC1005J473CS	Samsung
RES027G	8	R11,R118,R136,R137,R144,R146,R161,R21	Resistor 47K ±5% 1/16W 0402	RC0402JR-0747KL	Yageo
RES030G	5	R82,R112,R122,R218,R264	Resistor 2.2K ±5% 1/16W 0402	RC1005J222CS	Samsung
RES030G	5	R82,R112,R122,R218,R264	Resistor 2.2K ±5% 1/16W 0402	RC0402JR-072K2L	Yageo
RES031G	1	R125	Resistor 16K ±5% 1/16W 0402	RC0402JR-0716KL	Yageo
RES037G	4	R63,R64,R66,R70	Resistor 1M ±1% 1/16W 0402	RC0402FR-071ML	Yageo
RES051G	2	R172,R173	Resistor 3.9K ±5% 1/16W 0402	RC0402JR-073K9L	Yageo
RES053G	2	R86,R97	Resistor 100R ±5% 1/16W 0402	RC0402JR-07100RL	Yageo
RES061G	2	R68,R77	Resistor 150K ±5% 1/16W 0402	RC0402JR-07150KL	Yageo
RES076G	4	R93,R96,R98,R99	Resistor 100K ±1% 1/16W 0402	RC0402FR-07100KL	Yageo
RES082G	4	R103,R105,R107,R198	Resistor 200K ±5% 1/16W 0402	RC0402JR-07200KL	Yageo

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RES082G	4	R103,R105,R107,R198	Resistor 200K ±5% 1/16W 0402	RC1005J204CS	Samsung
RES085G	1	R206	Resistor 22K ±5% 1/16W 0402	RC0402JR-0722KL	Yageo
RES087G	2	R106,R108	Resistor 75K ±5% 1/16W 0402	RC0402JR-0775KL	Yageo
RES092G	2	R2,R142	Resistor 47R ±5% 1/16W 0402	RC0402JR-0747RL	Yageo
RES092G	2	R2,R142	Resistor 47R ±5% 1/16W 0402	RC0402FR-0747RL	Yageo
RES095G	4	R81,R84,R141,R143	Resistor 5.6K ±5% 1/16W 0402	RC1005J562CS	Samsung
RES101G	2	L5,L6	Resistor 0R ±5% 1/10W 0603	RC0603JR-070RL	Yageo
RES106G	4	R240,R241,R242,R243	Resistor 390R ±5% 1/16W 0402	RC0402FR-07392RL	Yageo
RES110G	1	R261	Resistor 0.62R ±5% 1/16W 0402	RC1005JR62CS	Samsung
RES111G	2	R263,R265	Resistor 1R ±5% 1/16W 0402	RC1005J1R0CS	Samsung
RES112G	1	R267	Resistor 2K ±5% 1/16W 0402	RC1005J202CS	Samsung
TRAN07G	8	Q2,Q15,Q16,Q18.Q19,Q20,Q28,Q29	Transistor NPN BC847CT SOT416 SOT523	BC847CT	Philips
TRAN07G	8	Q2,Q15,Q16,Q18.Q19,Q20,Q28,Q29	Transistor NPN BC847CT SOT416 SOT523	BC847CT	Diodes Inc
TRAN07G	8	Q2,Q15,Q16,Q18.Q19,Q20,Q28,Q29	Transistor NPN BC847CT SOT416 SOT523	BC847CTT1G	On Semi
TRAN08G	1	Q14	Transistor PNP BC857CT SOT416 SOT523	BC857CT	Philips
TRAN08G	1	Q14	Transistor PNP BC857CT SOT416 SOT523	BC857CT	Diodes Inc
TRAN08G	1	Q14	Transistor PNP BC857CT SOT416 SOT523	BC857CTT1G	On Semi
TRAN12	1	Q30	Transistor, P-channel NDT2955	Fairchild	NDT2955
TS0004G	2	SW3,SW4	Tact switch right angle 1114S	1114S RoHS	DJSwitch
TS0005G	1	SW1	Tact Switch straight 1107GS-2	1107GS-2 PBF	DJSwitch