

Offer number: **B2211844**

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## Components supplied by Assembler

				Quantity 5
Identified part	Description	Reference designators	Type	Components quantity
GPC0402104-16	0.1µF ±10% 16V Ceramic Capacitor X7R 0402 (1005 Metric)	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C31, C32, C33, C36, C38, C40, C42, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C65, C66, C67, C68, C69, C70, C71, C72, C74, C75, C107, C117	SMD	660
C0805C225Z8VAC7800	2.2µF -20%, +80% 10V Ceramic Capacitor Y5V (F) 0805 (2012 Metric)	C12	SMD	10
GPC0402102	0402, Cap 1nF, 50V, 10.0%, X7R	C30, C34, C37, C41	SMD	40
GPC0805106-16	0805 MLCC X5R 10UF 10% 16V	C35	SMD	10
GPC0603474	0603, Cap 470nF, 50V, 10.0%, X7R	C39	SMD	10
GPC0603105-6.3	SMD Multilayer Ceramic Capacitor, 1 µF, 6.3 V, 0603 [1608 Metric], ± 10%, X5R	C43, C44	SMD	20
GPC0603106-10	10 µF +/- 10% 10 V X5R 0603 Multilayer Ceramic Capacitors MLCC - SMD/SMT T&R GP	C64	SMD	10
C0402C103J4RACTU	10000pF ±5% 16V Ceramic Capacitor X7R 0402 (1005 Metric)	C73	SMD	10
PCA9306DCUT	Voltage Level Translator Bidirectional 1 Circuit 2 Channel US8	IC1	SMD FinePitch	10
SN74AVC4T245PW	Voltage Level Translator Bidirectional 2 Circuit 2 Channel 380Mbps 16-TSSOP	IC10	SMD	10
ADN2814ACPZ	CLOCK & DATA RECOVERY, 160MHZ, 132mA, LFCSP-32	IC12	QFN FinePitch	10
SY58608UMG	Clock Fanout Buffer (Distribution) IC 1:2 3GHz 16-VFQFN Exposed Pad, 16-MLF®	IC13, IC17	QFN	20
SN74AVC1T45DCKR	Voltage Level Translator Bidirectional 1 Circuit 1 Channel 500Mbps SC-70-6	IC14, IC16	SMD	20
PCA9517DGKR	Buffer, ReDriver 2 Channel 400kHz 8-VSSOP	IC15	SMD	10
SN74LVC2GU04DCKR	IC, Dual Inverter	IC18	SMD	10
24AA025E48T-I/SN	IC EEPROM 2KBIT 400KHZ 8SOIC	IC2	SMD	10
NBSG53AMNG	Flip-Flops 2.5V/3.3V SiGe Diff Clock/Divider	IC3	QFN FinePitch	10
Si5394A/B-A-GM	Any-Frequency, Any-Output Jitter Attenuator	IC4	QFN	10
ADCMP604BKSZ-REEL7	Comparator General Purpose Complementary, LVDS, Rail-to-Rail SC-70-6	IC5, IC6, IC7	SMD	30
DS90LV028AQMA/NOPB	IC RECEIVER 0/2 Receiver LVDS 8-SOIC	IC8	SMD	10
74LCX04MTC	IC, Low Voltage Hex Inverter with 5V Tolerant Inputs	IC9	SMD	10
MTLW-103-07-L-S-250	3 Positions Header Connector 0.100" (2.54mm) Through Hole	J1, J2, J3, J5, J6, J8, J9, J10	TH	80
1888247-1	CONN PT USE W/SFP+ CAGE 30AU SMD	J4	TH	10
HDMI-19-01-X-SM	HDMI Receptacle Connector 19 Position	J7	SMD	10
LQH32CN4R7M23L	4.7µH Unshielded Wirewound Inductor 450mA 260 mOhm Max Nonstandard	L1, L2	SMD	20
LG L29K-G2J1-24-Z	LED GREEN DIFFUSED 0603 SMD	LD1, LD2, LD3	SMD	30
SEAM-40-03.5-S-10-2-A-K-TR	400 Position Connector High Density Array, Male Surface Mount Gold	P1	SMD	10
U.FL-R-SMT-1(10)	U.FL, Ultra Miniature Coaxial Connector Receptacle, Male Pin 50 Ohm Surface Mount Solder	PX1, PX2, PX3, PX4, PX5, PX6	SMD	60
LV7745GEV-50.0M	Standard Clock Oscillators 50MHz 3.3V +/-50ppm -40C to 85C	QZ1	SMD	10
GPR0402200K	0402, Res 200.0kOhm, 50V, 1.0%, 62.5mW	R1	SMD	10
GPR04021K	0402, Res 1.0kOhm, 50V, 1.0%, 62.5mW	R10, R17, R19, R20, R21, R44	SMD	60
GPR06030R	0 Ohms Jumper 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film	R12, R34, R52, R53, R54, R55	SMD	60
		R13, R14, R15, R16, R22, R23, R24, R25, R28, R29, R39,		

				Quantity 5
Identified part	Description	Reference designators	Type	Components quantity
GPR04024K7	0402, Res 4.7kOhm, 50V, 1.0%, 62.5mW	R40, R41, R42, R43, R103, R138, R140, R142, R143, R242, R411, R1328	SMD	230
GPR04022K	0402, Res 2.0kOhm, 50V, 1.0%, 62.5mW	R2, R3, R4, R32, R33, R36, R38, R57	SMD	80
ERJPA2F33R0X	SMD Chip Resistor, Anti-Surge, 33 ohm, 50 V, 0402 [1005 Metric], 200 mW, ± 1%, ERJPA2 Series	R26	SMD	10
GPR040251R	0402, Res 51.0Ohm, 50V, 1.0%, 62.5mW	R27, R30, R31, R45, R46, R62, R63	SMD	70
ERA2AEB302X	SMD Chip Resistor, Metal Film, 3 kohm, 25 V, 0402 [1005 Metric], 63 mW, ± 0.1%, ERA Series	R35, R37	SMD	20
SG7351JTDD33R0F	SMD Chip Resistor, Thick Film, 33 ohm, 50 V, 0603 [1608 Metric], 125 mW, ± 1%, SG735 Series	R47, R48, R49	SMD	30
GPR0402150R	0402, Res 150.0Ohm, 50V, 1.0%, 62.5mW	R5, R6	SMD	20
RT0402BRD07750RL	750 Ohms ±0.1% 0.063W, 1/16W Chip Resistor 0402 (1005 Metric) Thin Film	R50, R51, R56	SMD	30
GPR04020R	0 Ohms Jumper 0.1W, 1/10W Chip Resistor 0402 (1005 Metric) Automotive AEC-Q200 Thick Film	R58, R59, R64, R65, R66, R67, R68, R69	SMD	80
GPR040210R	0402, Res 10.0Ohm, 50V, 1.0%, 62.5mW	R61	SMD	10
GPR0402100R	0402, Res 100.0Ohm, 50V, 1.0%, 62.5mW	R7, R8, R9, R11, R18	SMD	50
TPS799185DDCTG4	Linear Voltage Regulator IC 1 Output 200mA SOT-23-5	REG1	SMD	10
0747370004	CONN CAGE 1PORT R/A SFP PRESSFIT	SFP1	Pressfit	10

## Summary count

Type	Supplied by Assembler		Supplied by Customer	
	Unique parts	Component placed	Unique parts	Component placed
Thru-hole	3	10	0	0
Mechanical	0	0	0	0
SMD	37 (3 NI)	179	0	0
SMD fine pitch	1	1	0	0
Mixed	0	0	0	0
BGA	0	0	0	0
BGA FinePitch	0	0	0	0
QFN	2 (1 NI)	3	0	0
QFN FinePitch	2	2	0	0
LGA	0	0	0	0
Unknown	0	0	0	0
Edge-Mount	0	0	0	0
<b>Total</b>	<b>45</b>	<b>195</b>	<b>0</b>	<b>0</b>

**No info (NI)** : Our online tools were unable to get price and/or availability information from our suppliers. Our engineers are informed and try to update the information manually.