



Smartphone Assembly Volumes Drop 10.2% Year Over Year in Q1 2019, According to IDC

FRAMINGHAM, Mass., July 19, 2019 – According to the latest results from the International Data Corporation (IDC) [Worldwide Smartphone ODM Qview](#), due to high inventory, worldwide smartphone ODM/EMS assembly shipment volumes dropped 10.2% year over year during the first quarter of 2019 with total shipments of 297.3 million.

"High inventory both on hand and in the channel, combined with Chinese New Year holiday's shortened work time, caused global smartphone production to drop in 1Q19," said [Sean Kao](#), senior research manager with IDC's Worldwide Smartphone ODM Research Group. "Worldwide smartphone ODM/EMS assembly shipment volumes showed a quarter-over-quarter decrease of 16.7%."

Aside from Huawei, which moved quickly during the quarter to ship products, most component suppliers faced low demand from other first-tier brand vendors in 1Q19. Conversely, first-tier ODMs did begin to prepare and obtain new ODM orders from HMD and Samsung during the quarter.

Worldwide Top 5 Smartphone Assembly Vendors' Shipment Volume Ranking, 2015 - 1Q2019					
	2015	2016	2017	2018	1Q19
1	Samsung	Samsung	Samsung	Samsung	Samsung
2	Foxconn	Foxconn	Foxconn	Foxconn	Foxconn
3	Pegatron	OPPO	OPPO	OPPO	Flex
4	LG	Pegatron	VIVO	VIVO	VIVO
5	Huaqin	VIVO	Pegatron	Pegatron	OPPO
Source: IDC Worldwide ODM & Display Industry Research Group, May 2019					

Notes: The ranking on this list is based on complete knock-down (CKD) assembly, which includes in-house assembly, but excludes design without assembly.

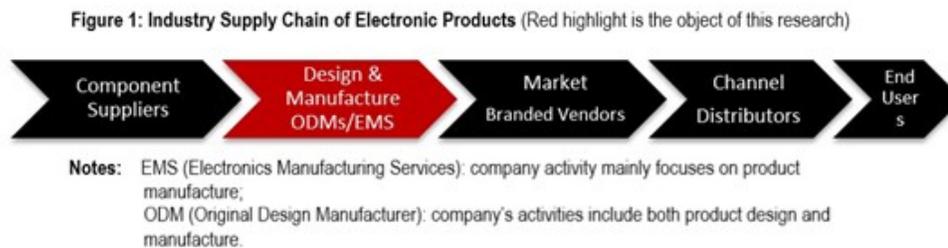
Looking ahead, IDC expects smartphone ODM/EMS assembly volumes to recover to levels comparable to that of 2Q18 after a down first quarter. A key driver for the second half of the year

is growth in 5G, especially in China where the government has begun to ask Chinese operators to subsidize 5G smartphones. IDC expects to see silicon competition increase among Qualcomm, Huawei, and Samsung.

IDC Worldwide ODM & Display Industry Research

The object of IDC's Worldwide ODM & Display Research is the compilation of manufacturers who provide **ODM and EMS services** to their clients – branded vendors. The ODM/EMS manufacturers are in the upstream of the industry supply chain, as indicated by the red mark in Figure 1. ODM/EMS manufacturers include Foxconn, Huaqin, Compal, Quanta, Compal, Wistron, and others. Their clients are branded or white-box vendors, such as Apple, Amazon, Lenovo, Huawei, Oppo, and others.

Figure 1



About IDC

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For more information contact:

Michael Shirer
press@idc.com
508-935-4200
Sean Kao
skao@idc.com
+886 2 87580816
Annabelle Hsu
ahsu@idc.com
+886 2 87580818