

1	Device ID										Function	Common category	Secondary category	Tertiary category	Category explanation	Added to DCR
2	Dec	Hex	Binary								Function	Common category	Secondary category	Tertiary category	Category explanation	Added to DCR
3	0	00	0	0	0	0	0	0	0	0	Generic (for v1.0 Devices)	Medical			All v1.0 Devices use this ID	18-Nov-2016
4	1	01	0	0	0	0	0	0	0	1	Do Not Use	Medical			Medical, health, biometrics	
5	2	02	0	0	0	0	0	0	1	0	Heart Rate Sensor	Medical	Law Enforcement	Sensor		25-Jan-2017
6	3	03	0	0	0	0	0	0	1	1	ECG sensor	Medical		Sensor		25-Jan-2017
7	4	04	0	0	0	0	0	1	0	0	EKG sensor	Medical		Sensor		25-Jan-2017
8	5	05	0	0	0	0	0	1	0	1	GSR (Galvanic Skin Response)	Medical	Law Enforcement	Sensor		25-Jan-2017
9	6	06	0	0	0	0	0	1	1	0	Breathalyzer	Medical	Automotive Ignition Inte	Law Enforcement		25-Jan-2017
10	7	07	0	0	0	0	0	1	1	1	Glucose (Blood Glucose)	Medical	Health	Sensor		25-Jan-2017
11	8	08	0	0	0	0	1	0	0	0	Oxymeter (Blood Oxygenation)	Medical	Health	Sensor		25-Jan-2017
35	32	20	0	0	1	0	0	0	0	0	Do Not Use	Human Machine Interface			Includes displays, alarms, indicators etc to provide a means to interact with the system involving human senses and providing a means to interact with the system	
36	33	21	0	0	1	0	0	0	0	1	Touch	Human Machine Interface		Sensor		25-Jan-2017
37	34	22	0	0	1	0	0	0	1	0	Gesture (Touchless)	Human Machine Interface		Sensor		25-Jan-2017
38	35	23	0	0	1	0	0	0	1	1	Grip	Human Machine Interface		Sensor		25-Jan-2017
39	36	24	0	0	1	0	0	1	0	0	Fingerprint	Human Machine Interface		Sensor		25-Jan-2017
40	37	25	0	0	1	0	0	1	0	1	Haptic	Human Machine Interface		Transducer		25-Jan-2017
41	38	26	0	0	1	0	0	1	1	0	Gesture (Acoustic Ultrasonic)	Human Machine Interface		Combination		25-Jan-2017
42	39	27	0	0	1	0	0	1	1	1	Audio Alarm	Human Machine Interface		Transducer		25-Jan-2017
67	64	40	0	1	0	0	0	0	0	0	Do Not Use	Navigation			Inertial navigation. Pedometers. Can wrk in conjunction with GPS. Avionics (roll, pitch, yaw, azimuth). Stabilized platform for inertial guidance.	
68	65	41	0	1	0	0	0	0	0	1	Accelerometer	Navigation	Industrial Mechanical	Sensor		25-Jan-2017
69	66	42	0	1	0	0	0	0	1	0	Gyroscope	Navigation	Industrial Mechanical	Sensor		25-Jan-2017
70	67	43	0	1	0	0	0	0	1	1	Magnetometer	Navigation	Industrial	Sensor		25-Jan-2017
71	68	44	0	1	0	0	0	1	0	0	Accel/Gyro Combo	Navigation	Industrial Mechanical	Sensor		25-Jan-2017
72	69	45	0	1	0	0	0	1	0	1	Accel/Mag Combo	Navigation	Industrial Mechanical	Sensor		25-Jan-2017
73	70	46	0	1	0	0	0	1	1	0	Accel/Gyro/Mag Combo	Navigation	Industrial Mechanical	Sensor		25-Jan-2017
99	96	60	0	1	1	0	0	0	0	0	Do Not Use	Environment			Environmental monitoring. Weather station. Monitor CO2, CO, RADON levels.	
100	97	61	0	1	1	0	0	0	0	1	Ambient Light	Environment		Sensor		25-Jan-2017
101	98	62	0	1	1	0	0	0	1	0	Pressure	Environment		Sensor		25-Jan-2017
102	99	63	0	1	1	0	0	0	1	1	Temperature	Environment		Sensor		25-Jan-2017
103	100	64	0	1	1	0	0	1	0	0	Humidit	Environment		Sensor		25-Jan-2017
104	101	65	0	1	1	0	0	1	0	1	UV sensor	Environment		Sensor		25-Jan-2017
105	102	66	0	1	1	0	0	1	1	0	Air Quality	Environment		Sensor		25-Jan-2017
106	103	67	0	1	1	0	0	1	1	1	IR sensor	Environment	Communication	Sensor		25-Jan-2017
131	128	80	1	0	0	0	0	0	0	0	Do Not Use	Industrial, Automotive			Industrial use sensors, mechanical actuators, servo's, proximity detectors, etc for industrial automation, robotics. Automotive.	
132	129	81	1	0	0	0	0	0	0	1	Proximity	Industrial, Automotive		Sensor		25-Jan-2017
133	130	82	1	0	0	0	0	0	1	0	RGB	Industrial, Automotive	Color Matching	Sensor		25-Jan-2017
134	131	83	1	0	0	0	0	0	1	1	Accelerometer (Mechanical Shock)	Industrial, Automotive		Sensor		25-Jan-2017
135	132	84	1	0	0	0	0	0	1	0	Oxygen sensor	Industrial, Automotive		Sensor		25-Jan-2017
136	133	85	1	0	0	0	0	1	0	1	Mass flow sensor	Industrial, Automotive		Sensor		25-Jan-2017
137	134	86	1	0	0	0	0	1	1	0	Switch or Solenoid Valve Control	Industrial, Automotive		Actuator		25-Jan-2017
138	135	87	1	0	0	0	0	1	1	1	Goniometer	Industrial, Automotive		Sensor		25-Jan-2017
139	136	88	1	0	0	0	1	0	0	0	Position sensor	Industrial, Automotive		Sensor		25-Jan-2017
140	137	89	1	0	0	0	1	0	0	1	Throttle Control	Industrial, Automotive		Actuator		25-Jan-2017
141	138	8A	1	0	0	0	1	0	1	0	Force/Stress sensor	Industrial, Automotive	Human Machine Interface	Sensor		19-Feb-2020

1	Device ID									Function by Category					
2	Dec	Hex	Binary							Function	Common category	Secondary category	Tertiary category	Category explanation	Added to DCR
163	160	A0	1	0	1	0	0	0	0	Do Not Use	Communication			Data communication, transmit, receive, emit, detect. for relatively low data-rate communication. Communication can be through various means to suit the application which might include RF, Optical (including IR), acoustic.	
164	161	A1	1	0	1	0	0	0	0	NFC (Near Field Communication)	Communication		Combination (Sensor/Transducer)		25-Jan-2017
165	162	A2	1	0	1	0	0	0	1	IR data link	Communication		Combination		25-Jan-2017
166	163	A3	1	0	1	0	0	0	1	RF data link	Communication		Combination		25-Jan-2017
195	184	B8	1	0	1	1	1	0	0	Do Not Use	Security			Security device used for network authentication in mobile communication networks	
196	186	BA	1	0	1	1	1	0	1	Security device	Security	ETSI SSP	SSP Rel.17 and onward		16-Feb-2022
197	192	C0	1	1	0	0	0	0	0	Do Not Use	Other				
198	193	C1	1	1	0	0	0	0	1	Bridge	Other				25-Jan-2017
199	194	C2	1	1	0	0	0	0	1	Hub	Other			25-Jan-2017	
200	195	C3	1	1	0	0	0	0	1	Bus Monitor	Other			25-Jan-2017	
201	196	C4	1	1	0	0	0	1	0	Secondary Controller	Other			Includes cases related to bus services such as monitoring, expansion to other busses, hubs, bridges, computing, memory devices. These cases don't fall under the general categories of sensors and transducers.	25-Jan-2017
202	197	C5	1	1	0	0	0	1	0	Memory	Other				25-Jan-2017
203	198	C6	1	1	0	0	0	1	1	Microcontroller	Other				25-Jan-2017
204	199	C7	1	1	0	0	0	1	1	PMIC	Other				25-Jan-2017
205	200	C8	1	1	0	0	1	0	0	IO Expander	Other				25-Jan-2017
206	201	C9	1	1	0	0	1	0	1	Debug Target System (TS)	Other				19-Feb-2020
207	202	CA	1	1	0	0	1	0	1	Debug and Test System (DTS)	Other				19-Feb-2020
208	203	CB	1	1	0	0	1	0	1	Dual Role Debug System (TS and DTS)	Other				19-Feb-2020
209	204	CC	1	1	0	0	1	1	0	MCTP	Other			8-Oct-2020	
213	208	D0	1	1	0	1	0	0	0	Reserved for JESD403 DTI = 0000	JEDEC			JEDEC DDR5 SidebandBus (JESD403) Compliant Devices, used on the DDR5 DIMMs.	21-Apr-2021
214	209	D1	1	1	0	1	0	0	1	Reserved for JESD403 DTI = 0001	JEDEC				21-Apr-2021
215	210	D2	1	1	0	1	0	0	1	Thermal Sensor - First	JEDEC				21-Apr-2021
216	211	D3	1	1	0	1	0	0	1	Reserved for JESD403 DTI = 0011	JEDEC				21-Apr-2021
217	212	D4	1	1	0	1	0	1	0	Differential DIMM Memory First Buffer	JEDEC				21-Apr-2021
218	213	D5	1	1	0	1	0	1	0	Differential DIMM Memory Second Buffer	JEDEC				21-Apr-2021
219	214	D6	1	1	0	1	0	1	1	Thermal Sensor - Second	JEDEC				21-Apr-2021
220	215	D7	1	1	0	1	0	1	1	Reserved for JESD403 DTI = 0111	JEDEC				21-Apr-2021
221	216	D8	1	1	0	1	1	0	0	PMIC - Second	JEDEC				21-Apr-2021
222	217	D9	1	1	0	1	1	0	1	PMIC - First	JEDEC				21-Apr-2021
223	218	DA	1	1	0	1	1	0	1	SPD Hub	JEDEC				21-Apr-2021
224	219	DB	1	1	0	1	1	0	1	Registered Clock Divider	JEDEC				21-Apr-2021
225	220	DC	1	1	0	1	1	1	0	PMIC - Third	JEDEC				21-Apr-2021
226	221	DD	1	1	0	1	1	1	0	Reserved for JESD403 DTI = 1101	JEDEC				21-Apr-2021
227	222	DE	1	1	0	1	1	1	1	Reserved for JESD403 DTI = 1110	JEDEC				21-Apr-2021
228	223	DF	1	1	0	1	1	1	1	Reserved for JESD403 DTI = 1111	JEDEC				21-Apr-2021
229	224	E0	1	1	1	0	0	0	0	Do Not Use	Generic			The generic category is for cases which don't fall neatly into any of the others. The example I picked is FPGA configuration. Note that some FPGA's can be configured over an I2C bus. However, the higher data-rate of I3C	
230	225	E1	1	1	1	0	0	0	1	FPGA/PLD Configuration	Generic				25-Jan-2017
231	226	E2	1	1	1	0	0	0	1	Camera Photometer	Generic	Sensor			25-Jan-2017
232	227	E3	1	1	1	0	0	0	1	Camera Shutter Control	Generic	Actuator			25-Jan-2017
233	228	E4	1	1	1	0	0	1	0	Camera Focus Control	Generic	Actuator			25-Jan-2017